

IT IS HEREBY ADJUDGED and DECREED that the below described is SO ORDERED.

Dated: July 14, 2016.

CRAIG A. GARGOTTA
UNITED STATES BANKRUPTCY JUDGE

IN THE UNITED STATES BANKRUPTCY COURT FOR THE WESTERN DISTRICT OF TEXAS SAN ANTONIO DIVISION

In re:	§
	§ CASE NO. 16-50552
PALMAZ SCIENTIFIC INC.,	§
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TD 3.4	§ Chapter 11
Debtor.	§
In re:	§
	§ CASE NO. 16-50555
ADVANCED BIO PROSTHETIC	\$ \$ CASE NO. 16-50555 \$ \$ Chapter 11
SURFACES, LTD.,	§ Chapter 11
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In re:	§
	\$ \$ \$ CASE NO. 16-50556
ABPS MANAGEMENT, LLC,	
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In re:	8
	§ CASE NO. 16-50554
ABPS VENTURE ONE, LTD.,	
ADIS VENTURE ONE, LID.,	§ Chapter 11
	§ Chapter 11
Debtor.	§ (Jointly Administered Under 16-50552)

ORDER ON DEBTORS' MOTION FOR (A) AUTHORITY TO SELL ASSETS FREE AND CLEAR OF LIENS, CLAIMS AND ENCUMBRANCES; (B) TO ESTABLISH PROCEDURES WITH RESPECT TO SUCH SALE; (C) TO CONSIDER APPROVAL OF BREAK UP FEE; AND (D) TO SHORTEN AND LIMIT NOTICE

Upon the Debtors' Motion For (A) Authority to Sell Assets Free and Clear of Liens, Claims and Encumbrances; (B) to Establish Procedures with Respect to Such Sale; (C) to Consider Approval of Break Up Fee; and (D) to Shorten and Limit Notice, dated May 23, 2016, of Palmaz Scientific Inc., Advanced Bio Prosthetic Surfaces, Ltd., ABPS Management, LLC, and ABPS Venture One, Ltd. ("Debtors" or "Debtors-in-Possession"), as debtors and debtors in possession, in the above-captioned case (the "Chapter 11 Case") [Docket #234] (the "Motion");¹ and on May 23, 2016, the Debtors having filed an Emergency Motion to Shorten Time related in part to the Motion [Docket #238]; and the Motion to Shorten Time having been granted by the Court on May 24, 2016 [Docket #241]; and the Court having held its first hearing on the Motion on May 25, 2016 and having granted the Debtors' request to approve bid procedures and set a sale date for the auction and hearing on the Motion for June 10, 2016; and an order approving the bid procedures and setting the auction and sale hearing having been entered by the Court on June 3, 2016 [Docket #259]; andon June 10, 2016, the Court having conducted the sale and held a hearing on the Motion (the "Hearing"); and the Court having considered the Motion, having examined the exhibits attached thereto, having considered the limited objection to the Motion filed by the Official Committee of Unsecured Creditors on June 8, 2016 [Docket #266], and having considered the oral objection made to the Motion at the hearing on June 10, 2016, the Court finds and determines the following:

A. The Court has jurisdiction over the Motion pursuant to 28 U.S.C. § 1334. Venue is proper in this district pursuant to 28 U.S.C. §§ 1408 and 1409. This matter is core within the meaning of 28 U.S.C. § 157(b). The statutory predicates for the relief sought herein are sections 105(a), 363 and 365 of the Bankruptcy Code, and the procedural grounds are Rules 2002, 6004, 9006 and 9007 of the Bankruptcy Rules.

¹ Capitalized terms used and not otherwise defined herein shall have the meaning ascribed to such terms in the Motion.

- B. Notice of the Hearing was given to (i) the Office of the United States Trustee for the Western District of Texas, (ii) counsel for the DIP Lender, (iii) and to all creditors identified on the creditor matrix. Based on the record made by the Debtors, the Court finds that appropriate notice of the Hearing has been given.
- C. The legal and factual bases set forth on the record at the Hearing establish just and sufficient cause to grant the relief granted herein. The relief granted herein is in the best interests of the Debtors, their estates, creditors, and all parties in interest.
- D. James Hoffman, representing himself, raised oral objections to the Motion at the Hearing. No written objection was timely filed. The objections are overruled.
- E. Vactronix Scientific, Inc. ("Vactronix") was the only Qualified Bidder. No other Party posted the required deposit or otherwise complied with the approved bidding procedures to qualify as a bidder.

THEREFORE, IT IS HEREBY ORDERED, ADJUDGED AND DECREED THAT:

- 1. Subject in all respects to paragraph 4 herein, the Motion is granted, and pursuant to 11 U.S.C. § 363 (b), (f), (k) and (m) and §365 (a), the Debtors are authorized to sell the Assets as set forth in the Motion and the attached Asset Purchase Agreement ("Exhibit A") free and clear of any and all liens, claims and encumbrances and assume and assign the executory contracts as set forth in the Motion and Exhibit A attached hereto to Vactronix and/or its designee.
- 2. The closing of the sale approved in paragraph 1 is subject to confirmation of a Plan of Reorganization (the "Plan") of the Debtors consistent with the Term Sheet approved by the Court on May 27, 2016 [Docket #248].

- 3. Upon the closing of the sale, the Debtors are authorized to pay Gerbsman Partners its previously approved \$100,000.00 commission without the need for Gerbsman Partners to file a fee application.
- 4. Notwithstanding Rule 6004(h) of the Bankruptcy Rules or any other term to the contrary herein, this Order shall be effective and enforceable upon the occurrence of the Effective Date of the Debtors' confirmed plan of reorganization (as such term is defined therein), and there shall be no stay of the execution or effectiveness of this Order.

PURCHASE AND SALE AGREEMENT

by and among

PALMAZ SCIENTIFIC INC.,
ADVANCED BIO PROSTHETIC SURFACES, LTD.
and
ABPS VENTURE ONE, LTD.
as Seller

and

VACTRONIX SCIENTIFIC, INC. as Buyer

dated

June , 2016

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EXHIBITS

Exhibit A	Subject Assets
Exhibit B	List of Assumed Contracts and Maximum Cure Costs
Exhibit C-1	Credit Bid Indebtedness – Secured
Exhibit C-2	Credit Bid Indebtedness – Unsecured
Exhibit D	Form of Bill of Sale, Assignment and Assumption Agreement
Exhibit F	Rid Procedures Order

PURCHASE AND SALE AGREEMENT

THIS PURCHASE AND SALE AGREEMENT is made and entered into as of June ____, 2016 (the "Execution Date"), by and among Palmaz Scientific Inc., a Delaware corporation ("PSP"), Advanced Bio Prosthetic Surfaces, Ltd., a Texas limited partnership ("ABPS"), and ABPS Venture One, Ltd., a Texas limited partnership ("ABPS Venture" and, together with PSI and ABPS, "Seller"), and Vactronix Scientific, Inc., a Delaware corporation ("Buyer"). Buyer and Seller are each a "Party" and together the "Parties".

WHEREAS, Seller and certain of its Affiliates have commenced cases under the protection of Chapter 11 of Title 11 of the United States Code (the "Bankruptcy Code") by filing voluntary petitions for relief (the "Seller's Chapter 11 Cases") with the United States Bankruptcy Court for the Western District of Texas, San Antonio Division (the "Bankruptcy Court"), on March 4, 2016, and Seller's Chapter 11 Cases are being jointly administered under Case No. 16-50552-cag;

WHEREAS, Seller owns certain patents, patent applications, equipment, and related assets as hereinafter more particularly described;

WHEREAS, Buyer desires to purchase the Subject Assets and Seller desires to sell the Subject Assets to Buyer, all subject to and according to the terms and conditions set forth below (such purchase and sale, the "*Sale Transaction*");

WHEREAS, Seller has agreed to transfer to Buyer, and Buyer has agreed to purchase and assume, pursuant to Sections 363 and 365 of the Bankruptcy Code, the Subject Assets from the Seller, upon the terms and subject to the conditions contained in this Agreement, including obtaining an order of the Bankruptcy Court pursuant to Sections 105, 363 and 365 of the Bankruptcy Code authorizing the Sale Transaction;

WHEREAS, Buyer and Seller intend to execute and perform this Agreement subject to a Bid Procedures Order (defined herein), and the parties recognize that Seller may enter into and consummate an Alternate Transaction (defined herein) with an Alternate Buyer (defined herein) as a result of complying with the Bid Procedures Order; and

WHEREAS, the Parties acknowledge and agree that the purchase by Buyer of the Subject Assets is being made at arm's length and in good faith and without intent to hinder, delay, or defraud creditors of Seller.

- **NOW, THEREFORE,** in consideration of the foregoing recitals (such recitals being incorporated by reference into and expressly made part of this Agreement) and their mutual covenants and agreements herein contained and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties hereby agree as follows:
- 1. **DEFINITION OF TERMS**. For the purposes of this Agreement, including the Exhibits and Schedules hereto, the following terms shall have the meanings assigned to them and the capitalized terms defined elsewhere in this Agreement, by describing in quotation marks and/or parenthesis, shall have the meanings so ascribed to them:

- "ABPS" has the meaning given to such term in the preamble of this Agreement.
- "ABPS Venture" has the meaning given to such term in the preamble of this Agreement.
- "Affiliate" means, with respect to an entity, another entity controlled by or under common control with such entity.
 - "Agreement" means this Purchase and Sale Agreement.
- "Alternate Buyer" means a Person (other than Buyer) that submits the highest bid to purchase the Subject Assets pursuant to the Bid Procedures Order and agrees to pay Seller at least \$23.1 million in cash.
 - "Alternate Courts" has the meaning given to such term in Section 13.
- "Alternate Transaction" means, other than the Sale Transaction, any sale of the Subject Assets.
- "Assumed Contracts" means Seller's executory contracts that are listed on Exhibit B, which executory contracts shall be assumed by Seller and assigned to the Buyer pursuant to Section 365 of the Bankruptcy Code, the Sale Order, or other order of the Bankruptcy Court.
- "Assignment" means the Bill of Sale, Assignment and Assumption Agreement by and between Seller and Buyer, substantially in the form attached hereto as Exhibit D.
 - "Bankruptcy Code" has the meaning set forth in the recitals of this Agreement.
 - "Bankruptcy Court" has the meaning set forth in the recitals of this Agreement.
- "Bid Procedures Order" means the Bid Procedures Order entered by the Bankruptcy Court relating to the sale of the Subject Assets and attached hereto as Exhibit E.
- "Books and Records" mean, in whatever form or media expressed, all books, records, files or copies thereof, in Seller's possession relating to the Patents, Patent Applications, or Assumed Contracts, except those that Seller may be prohibited from disclosing or transferring by existing contractual non-disclosure or confidentiality obligations.
 - "Boyle Agreement" has the meaning given to such term on Exhibit B.
- "Boyle Amount" means the remaining balance of under the Boyle Agreement as of the filing date of Seller's Chapter 11 Cases (regardless of any subsequent payments that may have been made by the obligors or guarantors under the Boyle Agreement).
- "Business Day" means each and every day of the week except for Saturday, Sunday and any federally recognized holiday.
 - "Buyer" has the meaning given to such term in the preamble of this Agreement.

"Claims" mean all claims (including counter-claims, third party claims or claims by any Governmental Authority), damages, liabilities, obligations, costs, expenses, attorneys' fees and expenses, fines, penalties, remedial actions, causes of action or judgments of any kind or character (hereinafter referred to as "Claims", in the singular, and as "Claims", in the multiple).

"Closing" or "Close" means the consummation of the transaction contemplated by this Sale Transaction.

"Closing Date" means the date on which the Closing occurs.

"Code" means the Internal Revenue Code of 1986, as amended.

"Credit Bid Indebtedness" means the amounts owed by Seller to Buyer or its affiliates (a) pursuant to (i) that certain DIP Credit Agreement dated April ___, 2016, among Seller and ABPS Management, L.L.C., as Borrowers, and Buyer, as Lender, (ii) the related Security Agreement among Seller and ABPS Management, L.L.C., as Grantors, and Buyer, as Lender, and (iii) the related Term Note by Seller and ABPS Management, L.L.C., as Borrowers, to Buyer, as Lender; (b) pursuant to the other secured indebtedness listed on Exhibit C-1; and (c) pursuant to the unsecured indebtedness listed on Exhibit C-2.

"Cure Costs" means, with respect to any Assumed Contract, any and all amounts necessary to cure all defaults, if any, and to pay all losses that have resulted from defaults under such Assumed Contract.

"Execution Date" has the meaning given to it in the preamble of this Agreement.

"File, Filed, Filing" means file, filed, or filing with the Bankruptcy Court or its authorized designee in the Seller's Chapter 11 Cases.

"Final Order" means an Order of the Bankruptcy Court: (a) as to which the time to appeal, petition for writ of certiorari, or otherwise seek appellate review or to move for reargument, rehearing, or reconsideration has expired and to which no appeal, petition for writ of certiorari, or other appellate review, or proceeding for re-argument, rehearing, or reconsideration shall be pending; (b) as to which any right to appeal, petition for certiorari, or move for reargument, rehearing, or reconsideration shall have been waived in writing by the party with such right; or (c) as to which an appeal, writ of certiorari, motion for re-argument or rehearing has been Filed or sought and such order shall not have been stayed.

"Free and Clear" means free and clear of all liens, Claims, Litigation, encumbrances, interests, pledges, security interests, rights of setoff, restrictions or limitations on use, successor liabilities, conditions, rights of first refusal, options to purchase, obligations to allow participation, agreements or rights, rights asserted in litigation matters, rights asserted in adversary proceedings in the Seller's Chapter 11 Cases, competing rights of possession, obligations to lend, matters filed of record that relate to, evidence or secure an obligation of the Seller (and all created expenses and charges) of any type under, among other things, any document, instrument, agreement, affidavit, matter filed of record, cause, or state or federal law, whether known or unknown, legal or equitable, and all liens, rights of offset, replacement liens,

adequate protection liens, charges, obligations, or claims granted, allowed or directed in any order.

- "Governmental Authority" means any and all federal, state, municipal, county or other local governmental authorities.
- "Litigation" means all governmental and non-governmental litigation, arbitration, mediations, claims, proceedings or investigations.
- "Material Adverse Effect" means a material adverse effect on the operations or value of the Subject Assets.
- "Minimum Cash Amount" means the sum of (i) allowed administrative claims, provided that administrative claims for substantial contribution by shall be included only up to \$150,000; and (ii) allowed unsecured claims other than the claims listed on Exhibit C-2 and other than the Boyle Amount; provided that Minimum Cash Amount shall not include (and Buyer shall not be responsible for) any claim arising from rescission of a purchase or sale of a security of Seller or of an affiliates of Seller or for damages arising from the purchase or sale of such a security, or for reimbursement or contribution allowed under Section 502 of the Bankruptcy Code on account of such a claim.
 - "Parties" has the meaning given to such term in the preamble of this Agreement.
 - "Party" has the meaning given to such term in the preamble of this Agreement.
- "Patents" means Seller's US- and foreign-issued patents, including those listed on Exhibit A.
- "Patent Applications" means Seller's pending US- and foreign-patent applications, including those listed on Exhibit A.
- "Permitted Encumbrances" means rights of third parties arising after the Closing under the Assumed Contracts.
- "Person" means any individual, partnership, joint venture, corporation, trust, limited liability company, unincorporated organization, government or department or agency thereof or other entity.
 - "*PSI*" has the meaning given to such term in the preamble of this Agreement.
 - "Purchase Price" has the meaning given to such term in Section 2(b).
 - "Sale Order" means an Order of the Bankruptcy Court approving the Sale Transaction.
 - "Sale Transaction" has the meaning given to such term in the recitals of this Agreement.
 - "Seller" has the meaning given to such term in the preamble of this Agreement.
 - "Seller's Chapter 11 Cases" has the meaning set forth in the recitals to this Agreement.

"Subject Assets" means, collectively:

- the Patents, the Patent Applications, and all copyrights, copyright licenses, copyright applications, patent licenses, trademarks, trademark licenses, trademark applications, computer software (including documentation and source and object codes), trade secrets, know how, inventions, discoveries, confidential or proprietary information, technical information, data, process technology, plans, drawings and blue prints and other intellectual property rights, owned by or licensed to Seller;
- (b) the Tangible Personal Property;
- (c) All of Seller's right, title and interest in and to the Claims listed on Exhibit A;
- (d) All of Seller's right, title and interest in its approximately 2.33% limited partnership interest in TriVentures II Fund, L.P., a Delaware limited partnership;
- (e) Seller's books, records and other data relating to the operations of Seller's business, including customer lists, marketing information, credit files, price lists, operating records, vendor and supplier price lists, sales literature, computer software, computer disks and tapes and other storage media, printouts and other materials and records, but excluding minute books, employee records, financial and tax records, and any other records that Seller is required by law to retain in its possession;
- (f) All of Seller's interest in, title, and rights under the Assumed Contracts.

"Tangible Personal Property" means all machinery, equipment, tools, furniture, parts, equipment, computer hardware, supplies, materials, vehicles and other items of tangible personal property of every kind owned or leased by Seller (wherever located and whether or not carried on Seller's books), together with any express or implied warranty by the manufacturers or sellers or lessors of any item or component part thereof and all maintenance records and other documents relating thereto, including the items listed on Exhibit A.

"Tax" or "Taxes" shall mean any taxes, fees, levies, imposts, duties, assessments or other charges of any kind whatsoever imposed by any government or Governmental Authority, including interest, penalties and additions imposed thereon or with respect thereto.

2. PURCHASE AND SALE.

(a) **Purchase and Sale**. On the Closing Date, Seller hereby agrees to sell all of Seller's right, title and interest in and to the Subject Assets to Buyer, and Buyer hereby agrees to purchase and assume all of Seller's right, title and interest in and to the Subject Assets from Seller, Free and Clear (except for Permitted Encumbrances) pursuant to the terms and conditions herein contained.

- (b) **Purchase Price**. As consideration for the acquisition of the Subject Assets from Seller, Buyer shall pay Seller (i) \$22,600,000, subject to adjustment as provided in the following sentence, or (ii) such higher amount bid by Buyer pursuant to the Bid Procedures Order (the amount determined under clause (i) or (ii) of this sentence, as applicable, referred to herein as the "*Purchase Price*"). The amount of \$22,600,000 in clause (i) of the preceding sentence will be adjusted upward to the extent necessary to make the amount of cash payable pursuant to <u>Section 3(a)</u> equal to the Minimum Cash Amount.
- **3. PAYMENT OF PURCHASE PRICE**. At the Closing, Buyer shall pay the Purchase Price to Seller as follows:
- (a) **Cash Payment**. Buyer shall pay to Seller, by wire transfer of immediately available funds to an account designated by Seller, an amount equal to (i) the Purchase Price minus (ii) the sum of (x) the Credit Bid Indebtedness and (y) the Boyle Amount.
- (b) **Credit Bid Indebtedness**. Buyer shall execute an assignment to Seller of all of Buyer's rights to receive payment of Credit Bid Indebtedness; and
- (c) **Assumed Obligations**. Buyer shall execute and deliver to Seller the Assignment, providing for the assumption by Buyer of liabilities and obligations arising after the Closing Date under the Assumed Contracts.
- **4. BANKRUPTCY MATTERS**. Notwithstanding any conflicting or inconsistent provision of this Agreement, Seller's and Buyer's obligations to consummate the Sale Transaction under this Agreement are subject to and contingent upon the entry of the Sale Order and the occurrence of the effective date under Seller's confirmed plan of reorganization.

5. COVENANTS AND AGREEMENTS OF SELLER AND BUYER.

(a) Mutual Covenants.

- (1) **Cooperation**. Subject to the Bid Procedures Order, Seller and Buyer mutually covenant and agree to reasonably cooperate with each other with respect to the satisfaction of any conditions contained in this Agreement and otherwise with respect to the Parties' various obligations hereunder.
- (2) **Assumption**. Seller shall commence appropriate proceedings before the Bankruptcy Court and otherwise take all necessary actions in order to determine the Cure Costs with respect to the Assumed Contracts and to effect the assumption of the Assumed Contracts in accordance with the Bankruptcy Code, effective as of the Closing.
 - (b) Seller's Covenants. Seller covenants and agrees with Buyer as follows:
- (1) **Compliance with Agreements**. Seller will not fail to perform any act required to keep the Patents, Patent Applications, and Assumed Contracts in full force and effect and will perform and comply with all of the covenants and conditions applicable to the Subject Assets and all agreements relating thereto.

- (2) **Negative Covenants**. Without the prior written consent of Buyer, Seller will not:
 - (A) authorize any material operation, or make any material operational or capital expenditure on the Subject Assets;
 - (B) enter into any new material agreements or commitments affecting any of the Subject Assets; or
 - (C) encumber, sell, mortgage, release, abandon or otherwise dispose of any of the Subject Assets. For the avoidance of doubt, Seller will not be in violation of its covenants in this paragraph if it enters into, and closes, an Alternate Transaction with Alternate Buyer pursuant to the Bid Procedures Order.
- (3) **Litigation**. Seller shall give Buyer prompt written notice of any Litigation which is hereafter filed with respect to Seller or the Subject Assets.
- (4) **Governmental Authority**. Seller shall make all material filings, requests for approvals and execute any material documents or instruments as may be required by any Governmental Authority, so that, following the Closing, all material assignments of the Subject Assets that require the consent of a Governmental Authority will be approved by such Governmental Authority.
- (5) **Books and Records**. Within ten (10) Business Days after the Closing Date, Seller shall deliver to Buyer all of the Books and Records it has in its possession, provided that Seller may retain copies of such Books and Records at its sole discretion. With respect to originals or last remaining copies of any Books and Records provided by Seller to Buyer, for a period of six (6) months following the Closing Date Buyer will: (i) retain the Books and Records; (ii) provide Seller with reasonable access to the Books and Records following reasonable advance notice and during normal business hours for review and copying at Seller's expense; and (iii) provide Seller with reasonable access to officers, employees, and representatives of Buyer and its Affiliates for purposes of discussing the Books and Records.
 - (c) <u>Buyer's Covenants</u>. Buyer covenants and agrees with Seller as follows:
- (1) Governmental Authority. Buyer shall make all material filings, requests for approvals and execute any material documents or instruments as may be required by any Governmental Authority, so that, following the Closing, all material assignments of the Subject Assets that require the consent of a Governmental Authority will be approved by such Governmental Authority.
- (2) **Litigation**. Buyer shall give Seller prompt written notice of any Litigation which is hereafter filed with respect to Buyer, which would have a material adverse effect on the ability of Buyer to perform its obligations hereunder.
- (3) **Cure Costs**. Buyer shall be responsible for, and will promptly pay to Seller or the contract counterparty, as applicable, the Cure Costs associated with each and

every Assumed Contract, it being understood that such Cure Costs shall not exceed the amount set forth in Exhibit B for such Assumed Contract. Buyer shall make such Cure Cost payments on or before the later of: (i) fourteen (14) days after the Closing Date; or (ii) the date on which such Assumed Contract is deemed assumed and assigned.

- 6. WARRANTIES AND REPRESENTATIONS OF SELLER. Seller warrants and represents to Buyer that:
- (a) PSI is a corporation duly organized, validly existing and in good standing under the laws of the State of Delaware. Each of ABPS and ABPS Venture is a limited partnership duly organized, validly existing and in good standing under the laws of the State of Texas.
- (b) Subject to Bankruptcy Court approval, each Seller possesses all powers necessary to enter into and consummate the transactions contemplated under this Agreement, and this Agreement has been, and all instruments required hereunder to be executed and delivered by each Seller at Closing shall have been, duly authorized, executed and delivered by each Seller.
- (c) Subject to Bankruptcy Court approval, this Agreement constitutes the valid and binding agreement of each Seller enforceable against each Seller in accordance with its terms and all instruments required hereunder to be executed by each Seller at Closing shall constitute valid, binding and enforceable agreements of each Seller in accordance with their terms, except as such enforceability may be limited by bankruptcy, insolvency or other laws relating to or affecting the enforcement of creditors' rights and general principles of equity (regardless of whether such enforceability is considered in a proceeding at law or in equity).
- (d) No undisclosed Litigation is pending before any court or Governmental Authority that would have a Material Adverse Effect.
- (e) No Seller has incurred broker's or finder's fees in respect to this transaction for which Buyer shall have any liability.
- 7. WARRANTIES AND REPRESENTATIONS OF BUYER. Buyer warrants and represents to Seller that:
- (a) Buyer is a corporation, duly organized, validly existing and in good standing under the laws of the State of Delaware.
- (b) Buyer possesses all powers necessary to enter into and consummate the transactions contemplated under this Agreement, and this Agreement and all instruments required hereunder to be executed and delivered by Buyer at Closing shall be duly authorized, executed and delivered by Buyer.
- (c) This Agreement constitutes the valid and binding agreement of Buyer enforceable against Buyer in accordance with its terms and all instruments required hereunder to be executed by Buyer at Closing shall constitute valid, binding and enforceable agreements of Buyer in accordance with their terms, except as such enforceability may be limited by bankruptcy, insolvency or other laws relating to or affecting the enforcement of creditors' rights

and general principles of equity (regardless of whether such enforceability is considered in a proceeding at law or in equity).

- (d) No Litigation is pending before any court or Governmental Authority that would have a material adverse effect on the ability of Buyer to perform its obligations hereunder.
- (e) Buyer has not incurred broker's or finder's fees in respect to this transaction for which Seller shall have any liability.

8. CONDITIONS PRECEDENT TO OBLIGATIONS OF BUYER.

- (a) The obligations of Buyer to Close are subject to each of the following conditions being met at or prior to the Closing Date, unless waived by Buyer in writing:
- (1) Seller shall have performed and complied with, in all material respects, all obligations and complied with each and every covenant, agreement and condition necessary to be performed or complied with by it on or before the Closing Date.
- (2) Each and every representation of Seller under this Agreement shall be true and accurate in all material respects as of the Closing Date.
- (3) Seller shall have delivered, or caused to be delivered, to Buyer at Closing, the closing deliveries described in <u>Section 10(b)</u>.
- (4) The Bankruptcy Court shall have entered a Sale Order (A) in form and substance reasonably acceptable to Buyer and not inconsistent with terms of this Agreement (i) approving the Sale Transaction and all the terms and conditions in this Agreement; (ii) finding that notice of the hearing concerning approval of the Sale Transaction was given in accordance with the Bankruptcy Code and constitutes such notice as is appropriate under the particular circumstances, finding that Buyer is a "good faith" purchaser entitled to protection afforded by Section 363(m) of the Bankruptcy Code; and (iii) providing for the sale of the Subject Assets, Free and Clear (except for Permitted Encumbrances), and (B) that has become a Final Order.

9. CONDITIONS PRECEDENT TO OBLIGATIONS OF SELLER.

- (a) The obligations of Seller to Close are subject to each of the following conditions being met at or prior to the Closing Date unless waived by Seller in writing:
- (1) Buyer shall have performed and complied with, in all material respects, all obligations and complied with each and every covenant, agreement and condition necessary to be performed or complied with by it on or before the Closing Date.
- (2) Each and every representation of Buyer under this Agreement shall be true and accurate in all material respects as of the Closing Date.
- (3) Buyer shall have delivered, or caused to be delivered, to Seller at Closing, the closing deliveries described in <u>Section 10(c)</u>.

- (4) The Bankruptcy Court shall have entered a Sale Order (A) in form and substance reasonably acceptable to Seller and not inconsistent with terms of this Agreement (i) approving the Sale Transaction and all the terms and conditions in this Agreement; (ii) finding that notice of the hearing concerning approval of the Sale Transaction was given in accordance with the Bankruptcy Code and constitutes such notice as is appropriate under the particular circumstances, finding that Buyer is a "good faith" purchaser entitled to protection afforded by Section 363(m) of the Bankruptcy Code; and (iii) providing for the sale of the Subject Assets, Free and Clear (except for Permitted Encumbrances), and (B) that has become a Final Order.
 - 10. CLOSING. The following provisions shall be applicable with respect to Closing.
- (a) **Closing**. The Closing shall take by the remote exchange of deliverables by the Parties as set forth in this Section 10 on the date established under the Seller's confirmed plan of reorganization.

(b) Seller's Obligations. At Closing, Seller shall:

- (1) Execute and deliver the Assignment to Buyer in sufficient counterparts to facilitate recording with the applicable Governmental Authorities and such that the Subject Assets are conveyed to Buyer Free and Clear (excluding Permitted Encumbrances);
- (2) On forms supplied by Buyer and reasonably acceptable to Seller, execute and deliver letters directing all licensees to make payment to Buyer of royalties and other payments attributable to the Assumed Contracts or the Subject Assets from and after the Closing Date, for delivery by Buyer to the licensees under the Assumed Contracts;
- (3) Deliver to Buyer an executed statement described in Treasury Regulation Section 1.1445-2(b)(2) for Seller certifying that Seller is not a foreign person or is a disregarded entity whose owner is not a foreign person within the meaning of Section 1445 of the Code; and
- (4) Execute and deliver to Buyer any and all other instruments, documents and conveyances required by any Governmental Authority, as may be reasonably requested by Buyer.

(c) **Buyer's Obligations**. At Closing, Buyer shall:

- (1) Pay and deliver to Seller the Purchase Price pursuant to the terms of Section 3;
- (2) Execute and deliver the Assignment and the assignment contemplated by Section 3(b) to Seller;
- (3) Execute and deliver to Seller any and all other instruments, documents and other items reasonably necessary to effectuate the terms of this Agreement, as may be reasonably requested by Seller.

- (d) Closing Costs; Prorations of Revenue and Expenses. Closing costs and other expenses incidental to this Agreement shall be paid as follows:
- (1) Since this transaction is an isolated sale, no sales tax will be collected from Buyer. If, however, this transaction is later deemed to be other than an occasional sale, Buyer agrees to be solely responsible for, and Buyer shall indemnify and hold Seller harmless from any and all sales or transfer taxes or fees (including related penalty, interest or legal costs) due by virtue of this transaction on the material and property hereby assigned and conveyed, and Buyer shall remit such sales or transfer taxes at that time. Seller and Buyer agree to cooperate with each other in demonstrating that the requirements for an occasional or isolated sale or any other sales tax exemption have been met.
- (2) Buyer will pay all fees relating to the filing of assignments transferring title of the Subject Assets to Buyer.
- (3) All other costs and expenses incurred by any Party in connection with this transaction, including attorney's fees, accounting fees and the expense of title examination, shall be borne by the Party incurring the same, except as otherwise provided in this Agreement.
- (4) All costs, expenses and obligations attributable or chargeable to the Subject Assets which accrue with respect to events or activities occurring prior to the Closing Date or which accrue under the Assumed Contracts prior to the Closing Date shall be paid and discharged by Seller, except for Cure Amounts which shall be paid by Buyer as provided in Section 5(c)(3). All costs, expenses and obligations attributable to the Subject Assets which accrue with respect to events or activities occurring after the Closing Date or which accrue under the Assumed Contracts after the Closing Date shall be paid and discharged by Buyer.
- (5) Any monies received by either Party that under the terms of this Agreement belong or are owed to the other Party shall immediately be paid over to the other Party. Similarly, any expenses invoiced to either Party and paid for by such Party which under the terms of this Agreement are to be paid for by the other Party shall immediately be reimbursed to the Party which paid the same. If any invoice or other evidence of an obligation is received which is applicable to periods prior to and after the Closing Date and is thus partially the obligation of one Party and partially the obligation of the other Party, then the Parties shall consult each other and each shall pay its portion of such obligation to the obligee.

11. TERMINATION.

- (a) **Grounds for Termination**. This Agreement may be terminated and the transactions contemplated by this Agreement may be abandoned at any time, prior to the Closing Date only as follows:
 - (1) by mutual written consent of Buyer and Seller;
- (2) by Buyer if (A) the conditions to the obligations of Seller have been satisfied (or waived by Seller) and (B) Seller fails or refuses to close the Sale Transaction in

accordance with the terms of this Agreement within five days of receiving written notice from Buyer that Buyer intends to terminate the Agreement under this section;

- (3) by Seller if (A) the conditions to the obligations of Buyer have been satisfied (or waived by Buyer) and (B) Buyer fails or refuses to close the Sale Transaction in accordance with the terms of this Agreement within five days of receiving written notice from Seller that Seller intends to terminate the Agreement under this section; or
- (4) by Buyer or Seller, if any court of competent jurisdiction of any Governmental Authority shall have issued an order, decree or ruling or taken any other action restraining, enjoining or otherwise prohibiting the transactions contemplated hereby and such order, decree, ruling or other action shall have become final and non-appealable.

(b) Effect of Termination.

- (1) Except as provided in Sections 11(b)(2) and 11(b)(3) below, if this Agreement is terminated in accordance with Section 11(a), such termination shall be without liability of any Party or any Affiliate, officer, director, or employee of such Parties, and Seller will be free to pursue alternate sales to other parties without any restriction under this Agreement.
- (2) If this Agreement is terminated because of Buyer's failure or refusal to close on the Subject Assets in breach of this Agreement, Buyer shall be liable for any and all damages to Seller, and Seller shall be entitled to seek any remedy, including specific performance, against Buyer, unless any of the conditions precedent to Buyer's obligation to Close provided in Section 8 are also unmet at the time set for Closing (in which case Section 11(b)(3) shall apply).
- (3) If this Agreement is terminated because of Seller's failure or refusal to close on the Subject Assets in breach of this Agreement, Seller shall be liable for any and all damages to Buyer, and Buyer may seek any remedy, including specific performance, against Seller in accordance with applicable law, unless Buyer is in breach of this Agreement.
- (4) The obligations contained in this <u>Section 11</u> and terms set forth in <u>Section 1</u>, <u>Section 13</u>, and <u>Section 14</u> shall survive any termination of this Agreement.
- 12. DISCLAIMER OF WARRANTIES. The express representations and warranties of Seller contained in this Agreement are exclusive and are in lieu of all other representations and warranties, express, implied, or statutory. Except as provided in Section 6, SELLER HAS NOT MADE, AND SELLER HEREBY EXPRESSLY DISCLAIMS AND NEGATES, AND BUYER HEREBY EXPRESSLY WAIVES, ANY REPRESENTATION OR WARRANTY, EXPRESS, IMPLIED, AT COMMON LAW, BY STATUTE OR OTHERWISE RELATING TO (I) THE ACCURACY, COMPLETENESS OR MATERIALITY OF ANY INFORMATION, DATA OR OTHER MATERIALS (WRITTEN OR ORAL) NOW, HERETOFORE OR HEREAFTER FURNISHED TO BUYER BY OR ON BEHALF OF SELLER, (II) ANY IMPLIED OR EXPRESS WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, (III) ANY IMPLIED OR EXPRESS WARRANTY OF CONFORMITY TO MODELS OR SAMPLES OF MATERIALS OR NON-

INFRINGEMENT OR FREEDOM TO OPERATE, (IV) ANY RIGHTS OF PURCHASERS UNDER APPROPRIATE STATUTES TO CLAIM DIMINUTION OF CONSIDERATION, AND (V) ANY AND ALL IMPLIED WARRANTIES EXISTING UNDER APPLICABLE LAW; IT BEING THE EXPRESS INTENTION OF BOTH BUYER AND SELLER THAT SUBJECT TO AND WITHOUT LIMITING SELLER'S EXPRESS REPRESENTATION AND WARRANTIES CONTAINED HEREIN, THE PERSONAL PROPERTY, EQUIPMENT AND FIXTURES INCLUDED WITHIN THE PROPERTIES ARE TO BE CONVEYED TO BUYER IN THEIR PRESENT CONDITION AND STATE OF REPAIR, AND THAT BUYER HAS MADE OR CAUSED TO BE MADE SUCH INSPECTIONS AS BUYER DEEMS APPROPRIATE. SELLER AND BUYER AGREE THAT, TO THE EXTENT REQUIRED BY APPLICABLE LAW TO BE EFFECTIVE, THE DISCLAIMERS OF CERTAIN WARRANTIES CONTAINED IN THIS SECTION ARE "CONSPICUOUS" DISCLAIMERS FOR THE PURPOSES OF ANY APPLICABLE LAW, RULE OR ORDER.

- 13. DISPUTE RESOLUTION. All disputes arising out of this Agreement shall be resolved by: (i) to the extent it possesses jurisdiction to hear such dispute, the Bankruptcy Court; or (ii) to the extent the Bankruptcy Court does not have jurisdiction over such dispute, the state and federal courts located in Bexar County, Texas (such courts, the "Alternate Courts"). Each of the Parties submits to the exclusive jurisdiction of the Bankruptcy Courts or Alternate Courts for purposes of resolving any dispute, claim, or controversy arising out of, relating to, or in any way connected with this Agreement.
- 14. MISCELLANEOUS. The following provisions shall apply with respect to this Agreement:
- (a) **Assignment**. This Agreement shall be binding on the Parties hereto and their respective successors and assigns. It is understood that Buyer shall have the right to assign its rights and obligations under this Agreement, in whole or in part, to an Affiliate of Buyer prior to the Closing, but the Buyer shall remain liable for performing this Agreement.
- (b) **Notices**. Any notice or other communication required or permitted hereby shall be in writing and the same shall be deemed given upon delivery thereof in person, one Business Day after such notice is deposited with an overnight delivery service such as Federal Express or Airborne or immediately when sent by facsimile transmission and addressed or faxed as follows:

If to Sellers: Palmaz Scientific Inc.

c/o Asel & Associates, PLLC 18618 Tuscany Stone, Suite 100 San Antonio, Texas 78258 Attention: Gene Sprague, Ph.D.

Fax: (210) 314-7077

With copy (which shall not constitute notice) to:

Bill Kingman Law Offices of William B. Kingman, P.C. 4040 Broadway, Suite 450 San Antonio, TX 78209 Fax: (210) 821-1114 bkingman@kingmanlaw.com

With a copy (which shall not constitute notice) to:

Kreager Mitchell PLLC 7373 Broadway, Suite 500 San Antonio, Texas 78209 Attention: Michael L. Kreager Fax: (210) 821-6672

mkreager@kreagermitchell.com

If to Buyer: Vactronix Scientific, Inc.

c/o Asel & Associates, PLLC 18618 Tuscany Stone, Suite 100 San Antonio, Texas 78258 Attention: John C. Asel Fax: (210) 314-7077

With a copy (which shall not constitute notice) to:

Thompson & Knight, LLP 1722 Routh Street, Suite 1500 Dallas, Texas 75201 Attention: Michael Titens

Fax: (214) 880-3159

From time to time, either Party may designate another address or facsimile telephone number for all purposes of this Agreement by giving to the other Party written notice of such change of address or facsimile telephone number in accordance with the provisions hereof. The failure or refusal of a Party to accept receipt of a notice hereunder shall in no manner invalidate the notice.

(c) **Entire Agreement**. This Agreement constitutes the entire agreement by and among the Parties with respect to the subject matter hereof and supersedes all prior written or oral statements, writings, agreements or negotiations by and among the Parties with respect thereto, and may not be modified or amended except by an instrument in writing signed by all Parties hereto. No Party is relying on any promise or inference that is not otherwise expressly stated in the text of this Agreement.

- (d) Governing Law. This Agreement shall be governed by and construed in accordance with the laws of the State of Texas (without regard to any conflicts of law principles).
- (e) **Absence of Other Representations**. Neither Seller nor Buyer has made any representations or warranties to the other regarding this transaction except as set forth herein, and, subject to the express covenants, representations and warranties of Seller herein, this sale is being made on an "as is, where is" basis.
 - (f) **Survival**. The provisions of this Agreement shall survive Closing.
- (g) **Headings**. The headings used herein are for convenience only and shall not be used in interpreting this Agreement.
- (h) **Exhibits and Schedules**. Any reference to an exhibit or schedule in this Agreement is deemed to refer to an exhibit or schedule attached to this Agreement, unless the context clearly indicates otherwise, and such exhibit or schedule is deemed incorporated into and made a part of this Agreement.
- (i) **Binding Effect**. This Agreement shall be binding upon Seller and Buyer and their respective successors, heirs, legal representatives, successors and permitted assigns.
- (j) **Multiple Counterparts**. This Agreement may be executed in multiple original counterparts, each of which shall be deemed to be an original, but which together shall constitute but one and the same instrument. Further, pages containing signatures may be detached from their respective counterparts and reassembled together to form a completely executed document. Additionally, the Parties agree that signatures appearing on copies of this Agreement transmitted by facsimile transmission shall be deemed to be original signatures and shall be binding on the Parties as if originally signed by any such Party. In the event facsimile signatures are utilized for execution, the Parties agree to thereafter, and as soon as is reasonably practicable, deliver to the other Party original executed copies of this Agreement.
- (k) **Further Assurances**. Seller and Buyer each agree to take such further actions and execute and deliver such further documents as may be reasonably necessary or appropriate to consummate the transaction contemplated hereby.
- (l) **Partial Invalidity**. If any one or more of the provisions contained in this Agreement shall for any reason be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any of the other provisions hereof, and this Agreement shall be construed as if such invalid, illegal or unenforceable provision had never been contained herein.
- (m) **No Third Party Beneficiaries**. This Agreement does not create, and shall not be construed as creating, any rights enforceable by any Person not a Party to this Agreement.
- (n) **Interpretation**. Whenever the context hereof shall so require, the singular shall include the plural, the male gender shall include the female gender and the neuter, and vice versa. Unless the context shall otherwise require, the terms "herein", "hereof", "hereby", and

"hereunder", or other similar terms, refer to this Agreement as a whole and not only to the particular Article, Section, or other subdivision in which any such terms may be employed; references to Articles, Sections, and other subdivisions refer to the Articles, Sections, and other subdivisions of this Agreement; and "including" (and with correlative meaning "include") means including without limiting the generality of any description preceding such term. Furthermore, this Agreement was negotiated by the parties with the benefit of legal representation, and any rule of construction or interpretation otherwise requiring this Agreement to be construed or interpreted against any party shall not apply to any construction or interpretation hereof.

- (o) **Time of the Essence**. Time shall specifically be deemed to be of the essence with respect to this Agreement and each and every provision thereof.
- (p) **Public Announcements**. Neither Party shall make any public announcement concerning this Agreement or its subject matter without the prior written approval of the other Party (which shall not be unreasonably withheld or delayed), except as disclosed in the Bankruptcy Court or required by law.

[Remainder of page has been intentionally left blank]

IN WITNESS WHEREOF, Seller and Buyer have caused this Agreement to be executed, as of the day and year first written.

PSI:

PALMAZ SCIENTIFIC INC.

By:
Name: Fugere Arague
Title: Director

ABPS:

ADVANCED BIO PROSTHETIC SURFACES, LTD

By: ABPS Management, L.L.C., its general partner

By: Name: Title:

ABPS VENTURE:

ABPS VENTURE ONE, LTD.

By: ABPS Management, L.L.C., its general partner

By: Name: Title:

[Seller Signature Page]

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BUYER:

VACTRONIX SCIENTIFIC INC.

By: 15/10HN ASEC

Name: Title:

EXHIBIT A

SUBJECT ASSETS

I. Patents

[See attached list.]

II. Patent Applications

[See attached list.]

III. Tangible Personal Property

[See attached list.]

IV. Claims¹

See Exhibit D-2

¹ As provided in Section 14(a), Buyer reserves the right to assign its obligation to purchase the Claims (and all rights and obligations related thereto) to an Affiliate of Buyer.

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Equipment number	Manufacturer	Manufacturer part #	Description
PS 0021	LM Air Technology	n/a	Acid Laminar Fume Hood
PS 0155	LM Air Technology	n/a	Acid Sink
PS 0028	Mettler Toledo	AX-504	Balance
PS 0047	Mettler Toledo	AX-205DR	
PS 0412	MKS Technology	627D1TBD1B	
PS 0411	MKS Technology	627B01TBC1B	Baratron 1.0 Torr
PS 0309	Thorlabs GmbH	BP209	Beam Profiler BP209
PS 0419	Control Company	89140-196	Big-Digit Dual Channel Timer
PS 0423	Control Company	89140-196	Big-Digit Dual Channel Timer
PS 0180	Branson	2510R-DTH	Branson 2510 Ultrasonic Cleaning
PS 0153	Fowler	54-100-312-0	Caliper 12 Inch
PS 0096	MKS Technology	627B01TBC1B	Capacitance Manometer
PS 0224	MKS Technology	627B01TBC1B	Capacitance Manometer
PS 0284	MKS Technology	627D-29720	Capacitance Manometer
PS0285	MKS Technology	627D-29720	Capacitance Manometer
PS 0286	MKS Technology	627D-29720	Capacitance Manometer
PS 0359	Laminar Technologies	MKS 627D. 02TBC2B	Capacitance Manometer
PS 0177	Cimarec	SP46925	Cimarec 2 Hot/ Stir Plate
PS 0385	N/A	N/A	Clean Room
PS 0179	Myron L Co	Ultrameter 4P 11	conductivity/resistivity meter
PS 0058	Omega	CN9000A	Control Temperature
PS 0059	Digi Sense	89000-10	Control Temperature
PS 0255	Corning (Hot Plate)	PC-40D	Corning Hot plate
PS 0048	Gamry	FASI	Corrosion Tester
PS 0045	Genesis	AG2503	Crest Ultrasonic Cleaner
PS 0199	MSI	SNO130	Crimper
PS 0313	Blockwise Engineering	RMC	Crimper
PS 0085	Helix Technology Corp.	CTI-8200	Cryo Compressor

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PS 0089 Helix Technology Corp CTI-8200 Cryogenic 8200 compressor PS 0414 MKS Technology 1179A00411CR1BV Cryogenic 8200 compressor PS 0415 CTI 8032560G001 Cryogenic 8200 compressor PS 0241 Omega 1050312 Data Logger Thermometer PS 0251 BK Precision 1570A DC Power Supply PS 0253 Mustech E3614A DC Power Supply PS 0256 NuLine CED936 DC Power Supply PS 0257 Hewlett Packard E3614A DC Power Supply PS 0258 NuLine CED936 DC Power Supply PS 0290 Aglient Technologies N5747A DC Power Supply PS 0291 Aglient Technologies N5747A DC Power Supply PS 0307 Aglient Technologies N5747A DC Power Supply PS 0318 Aglient Technologies N5746A DC Power Supply PS 0319 Aglient Technologies N5746A DC Power Supply PS 0320 Aglient Technologies N8746A DC Power Supply </th <th>Equipment number</th> <th>Manufacturer</th> <th>Manufacturer part #</th> <th>Description</th>	Equipment number	Manufacturer	Manufacturer part #	Description
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PS 0370	HP	241B
PS 0196	Mititoyo	0"-1"
PS 0015	TA Instruments	Q1000
PS 0082	Mitutoyo	500-193
PS 0150	Mitutoyo	CD-6" CSX
PS 0304	Mitutoyo	500-196-20
PS 0305	Mitutoyo	500-196-20
PS 0327	Mitutoyo	CD-6"-CSX
PS 0328	Mitutoyo	CD-6"-CSX
PS 0329	Mitutoyo	CD-6"-CSX
PS 0330	Mitutoyo	CD-6"-CSX
PS 0331	Mitutoyo	CD-6"-CSX
PS 0033	VWR	62379-531
PS 0112	Starrett	n/a
PS 0114	Fluke	187
PS 0115	Fluke	73 III
PS 0151	Mitutoyo	317-351
PS 0037	Fluke	51 II
PS 0038	Fluke	51 II
PS 0036	Fluke	51
PS 0121	Mitutoyo	CD 6" CSX
PS 0386	Control Company	5127
PS 0416	Control Company	5127
PS 0420	Control Company	5127
PS 0398	Kashiyama	NEODRY 30E

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Equipment number	Manufacturer Procedyne	Manufacturer part # HT-1250DI-2036	Description Fluidized Bed
PS 0172	Procedyne	HT-1250DI-2036	Fluidized Bed
PS 0237	Sentry Air Systems Inc.	N/A	FT Fume Hood
PS 0023	Genie Scientific	1000 PHS	Fume Hood #2
PS 0061	Thermolyne	F62735	Furnace
PS 0389	Meyer Gages	100.00MM + c/z B61	Gage Pins
PS 0390	Meyer Gages	20.00mm+ clz L14	Gage Pins
PS 0391	Meyer Gages	25.00mm = clz G64	Gage Pins
PS 0120	Meyer	M-1 .060/.250	Gage Pins .060 thru .250
PS 0358	BW Technologies	GA24XT-X	Gas Alert Clip Extreme
PS 0324	Control Company	89087-398	Giant-Digit Timer
PS 0325	Control Company	89087-398	Giant-Digit Timer
PS 0133	Gage Master	KR-814 (1x3x.125)	Glass Slide
PS 0002	Kanomax	3887	Handheld Laser Particle Counter
PS 0275	Hanna Instruments	HI-99104	Hanna Ph meter
PS 0116	Steinel	HG2000E	Heat Gun
PS 0117	Wagner	Ht499	Heat Gun
PS 0118	Steinel	HG2000E	Heat Gun
PS 0249	IKA Works	CERAMAG	Heated Spin Plate
PS 0250	IKA Works	CERAMAG	Heated Spin Plate
PS 0256	Neslab	EX-111	Heater Recirculator Bath
PS 0265	Banstead Thermdyne	HP-133425	Hot Plate
PS 0022	Corning Stirrer	PC-610	Hot Plate Stirrer
PS 0247	Ceramag	n/a	Hot Plate Stirrer
PS 0239	Essick humidifier	Model # H12 300	Humidifier
PS 0240	Seasick humidifier	Model # H12 300	Humidifier
PS 0377	ILT & Spectra-Physics	115298	ILT/Spirit 4 Watt Laser System
PS 0183	n/a	n/a	Inspection Roller Fixture
PS 0017	Instron	5543Q6395	Instron

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Equipment number	Manufacturer	Manufacturer part #	Description
PS 0171	Lesco	ARB1010	Intensity Meter
	Zygo		Interferometer
PS 0395	Kashiyama	NEODRY 30E	Kashiyama Pump
PS 0396	Kashiyama	NEODRY 30E	Kashiyama Pump
PS 0397	Kashiyama	NEODRY 30E	Kashiyama pump
PS 0399	Kashiyama	NEODRY 30E	Kashiyama pump
PS 0169	Keyence	VHX-1000	Keyence
PS 0360	Keyence	LS-9030M	Keyence High Speed Optical Micrometer
PS 0056	ICOM Mechanical Inc.	n/a	Laminar Hood
PS 0050	Keyence	4102809	Laser Micrometer
PS 0066B	Leica	DFC320	Leica digital camera
PS 0067B	Leica	DFC320	Leica digital camera
PS 0068B	Leica	DFC320	Leica digital camera
PS 0137B	Leica	DFC320	Leica digital camera
PS 0267	Fowler	582	Level
PS 0174	Lindberg/Blue	MO1440A-1	Lindberg/ Blue Convection Oven
PS 0077	Palmaz Scientific	n/a	Litho Room
PS 0029	Buehler	11-1180-160	Low Speed Saw
PS 0406	MKS Technology	GE50A005201RBV010	Mass Flow Controller
PS 0407	MKS Technology	1179B01322CR1BV	Mass Flow Controller
PS 0364	Megger	MIT310EN	Megger Mit310 Insulation Tester
PS 0113	Fluke	1520	Megohmmeter
PS 0306	MKS Technology	GE50A005201RBV010	MFC KR 20SCCM 15PD LCEA
PS 0079	Fowler	15770	Micrometer
PS 0060	Leica	Mz75	Microscope
PS 0066A	Leica	DM4000M	Microscope
PS 0067A	Leica	DM4000M	Microscope
PS 0068A	Leica	S8AP0	Microscope

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Equipment number	Manufacturer	Manufacturer part #	Description
PS 0070	Leica	S8AP0	Microscope
PS 0071	Nikon	520658	Microscope
PS 0137A	Leica	DM4000M	Microscope
PS 0141	Leica	MZ75	Microscope
PS 0187	Leica	Leica S6E	Microscope
PS 0228	Zygo	NV7005 Microscope	Microscope
PS 0343	Graphtec America INC	GL220	MIDILOGGER
PS 0344	Graphtec America INC	GL220	MIDILOGGER
PS 0345	Graphtec America INC	GL220	MIDILOGGER
PS 0352	Graphtec America INC	GL220	MIDILOGGER
PS 0353	Graphtec America INC	GL220	MIDILOGGER
PS 0046	Buehler	69-1000-160	Minimet Polisher
PS 0266	Reptifogger	RF-10	Mist Humidify
PS 0001	Fischer	MMS-P	Multi Measuring System
PS 0111	Omega	MDSS25B-K	Omega Monogram temperature display
PS 0280	Omega	HH806AU	Omega Temperature Data Logger
PS 0026	Oakton	pH 5 Acorn Series	pH Meter
PS 0262	Hanna Instruments	HI 9812-5N	pH/Conductivity meter
PS 0241	Clean Air Products	6 Model 112 HEPA filters	Photo Lithgraphy Lab
PS 0213	Toppan Photomask Inc.	n/a	Photomask
PS 0081	ABPS	n/a	Physical Vapor Deposition System #6
PS 0134	ABPS	N/A	Physical Vapor Deposition System #7
PS 0294	Palmaz Scientific	N/A	Physical Vapor Deposition. System#1
PS 0288	ABPS	N/A	Physical Vapor Deposition. System#3
PS 0289	Palmaz Scientific	N/A	Physical Vapor Deposition. System#8
PS 0355	Palmaz Scientific		Physical Vaport Deposition System#9
PS 0278	Meyer	0.011" TO 0.060"	Pin gage set 0.011 in to 0.060 inch
PS 0064	Meyer	0.22mm to 1.5mm	Pin Gages .22mm thru 1.50mm

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PS 0369 Advanced Energy 3152433-359B Prinnacle Plus—pulse DC plasma gener PS 0392 N/A N/A Polisher PS 0398 Abatement Technologies PREDB00 Portable Air Scrubber PS 0168 Thorlabs GmbH \$122C Power Meter PS 0168 Thorlabs GmbH \$122C Power Meter PS 0168 Thorlabs GmbH \$122C Power Supply PS 0093 Advanced Energy MDX-5 Power Supply PS 0094 Hewlett Packard 6845A Power Supply PS 0095 Hewlett Packard 6845A Power Supply PS 0098 Aglient 6845A Power Supply PS 0109 Advanced Energy MDX-5 Power Supply PS 0103 Hewlett Packard 6845A Power Supply PS 0104 Advanced Energy MDX-5 Power Supply PS 0105 Power Supply Power Supply PS 0106 Advanced Energy MDX-5 Power Supply PS 0216 Power Supply Power Supply <td< th=""><th>Equipment number</th><th>Manufacturer</th><th>Manufacturer part #</th><th>Description</th></td<>	Equipment number	Manufacturer	Manufacturer part #	Description
N/A N/A Abatement Technologies PRED600 Thorlabs GmbH S310C Thorlabs GmbH S122C Advanced Energy MDX-5 Hewlett Packard 6645A Advanced Energy MDX-5 Advanced Energy XT120-0.5 BK Precision 1785 BK Precision 1870A Agilent Technologies N5747A Agilent Technologies N5747A Agilent Technologies N5747A Agilent Technologies	PS 0369	Advanced Energy	3152433-359B	Pinnacle Pluspulse DC plasma generator
Abatement Technologies PRED600 Thorlabs GmbH S310C Thorlabs GmbH S122C Advanced Energy MDX-5 Hewlett Packard 6030A Hewlett Packard 6645A Advanced Energy MDX-5 Advanced Energy 6030A Hewlett Packard 6645A Advanced Energy MDX-5 BK Precision 1785 BK Precision 3152433-359-B Pinnacle Power Supply 722B21TCD2FK MKS Technology 627D-29720 PKR251	PS 0392	N/A	N/A	Polisher
Thorlabs GmbH S310C 8 Thorlabs GmbH S122C 8 Advanced Energy MDX-5 9 Hewlett Packard 6645A Advanced Energy MDX-5 8 Agilent 6630A 9 Agilent 6630A A Agilent 6630A 6645A Hewlett Packard 6645A 6030A A Agilent 6030A 6030A A Agilent 6030A 6030A A Agilent 6030A 6030A BK Precision 1785 7785 BK Precision 1785 7785 BK Precision 1785 7777A BK Precision 16700A 7777A Agilent Technologies N5747A Agilent Technologies N5747A Agilent Technology 0 PSI TO 200 PSI MKS Technology 722B21TCD2FK MKS Technology 627D-29720 PKR251 PKR251	PS 0308	Abatement Technologies	PRED600	Portable Air Scrubber
8 Thorlabs GmbH \$122C 8 Advanced Energy MDX-5 8 Hewlett Packard 6030A 6 Hewlett Packard 6645A Advanced Energy MDX-5 Advanced Energy MDX-5 Agilent 6645A Hewlett Packard 6645A Advanced Energy MDX-5 Advanced Energy MDX-5 Sorenson XT120-0.5 BK Precision 1785 BK Precision 1785 BK Precision 1785 BK Precision 16700A AMETEK XPH42-10 Agilent Technologies N5747A Hewlett Packard 6645A Agilent Technologies N5747A Hewlett Packard 6645A O PSI TO 200 PSI MKS Technology 722B21TCD2FK MKS Technology 627D-29720 PKR251 PKR251	PS 0167	Thorlabs GmbH	S310C	Power Meter
Advanced Energy MDX-5 Hewlett Packard 6030A Hewlett Packard 6645A Advanced Energy MDX-5 Advanced Energy MDX-5 Agilent 6645A Agilent 6645A Hewlett Packard 6645A Agilent 6030A Agilent Advanced Energy MDX-5 Sorenson XT120-0.5 BK Precision 1785 BK Precision 1785 BK Precision 1785 BK Precision 16700A BK Precision 16700A BK Precision 18742-10 Agilent Technologies N5747A Agilent Technologies N5747A Agilent Technologies N5747A Agilent Technology 3152433-359-B Pinnacle Power Supply 0 PSI TO 200 PSI MKS Technology 627D-29720 Pfeiffer PKR251	PS 0168	Thorlabs GmbH	S122C	Power Meter
Hewlett Packard 6030A Hewlett Packard 6645A Advanced Energy MDX-5 Agilent 6030A Agilent 6630A Hewlett Packard 6645A Hewlett Packard 6645A Agilent 6630A Agilent 6630A Agilent 6630A Agilent 6630A Agilent Fackard 6030A Agilent Fackard 6030A Advanced Energy MDX-5 BK Precision 1785 BK Precision 315747A Agilent Technologies N5747A Agilent	PS 0093	Advanced Energy	MDX-5	Power Supply
Hewlett Packard 6645A Advanced Energy MDX-5 Agilent 6030A Agilent 6645A Hewlett Packard 6645A Agilent 6630A Agilent 6630A Advanced Energy MDX-5 Sorenson XT120-0.5 BK Precision 1785 BK Precision 1785 BK Precision 16700A AMETEK XPH42-10 Agilent Technologies N5747A Agilent Technologies N5747A Agilent Technologies N5747A Hewlett Packard 6645A Pinnacle Power Supply 3152433-359-B MKS Technology 722B21TCD2FK MKS Technology 627D-29720 PKR251 PKR251	PS 0094	Hewlett Packard	6030A	Power Supply
Advanced Energy MDX-5 B Agilent 6030A B Agilent 6645A Hewlett Packard 6645A 6645A Hewlett Packard 6030A 6030A Advanced Energy MDX-5 MDX-5 Sorenson XT120-0.5 XT120-0.5 BK Precision 1785 400 BK Precision 1785 400 BK Precision 16700A 400 AMETEK XPH42-10 400 Agilent Technologies N5747A 400 Agilent Technologies N5747A 400 Hewlett Packard 6645A 6645A Prinnacle Power Supply 0 PSI TO 200 PSI MKS Technology 627D-29720 Pfeiffer PKR251	PS 0095	Hewlett Packard	6645A	Power Supply
8 Agilent 6030A Agilent 6645A 6645A Hewlett Packard 66345A 6030A Agilent 6030A 6030A Advanced Energy MDX-5 MDX-5 BK Precision XT120-0.5 MDX-5 BK Precision 1785 MDPC-6030 BK Precision 16700A XPH42-10 AMETEK XPH42-10 AGilent Technologies Agilent Technologies N5747A Agilent Technologies N5747A Hewlett Packard 6645A Pinnacle Power Supply 3152433-359-B RU 0 PSI TO 200 PSI MKS Technology 627D-29720 PFeiffer PKR251	PS 0097	Advanced Energy	MDX-5	Power Supply
Agilent 6645A Hewlett Packard 6645A Agilent 6030A Advanced Energy MDX-5 Advanced Energy MDX-5 Sorenson XT120-0.5 BK Precision 1785 BK Precision GW Model DPC-6030 BK Precision 16700A AMETEK XPH42-10 Agilent Technologies N5747A Agilent Technologies N5747A Hewlett Packard 6645A Pinnacle Power Supply 3152433-359-B RU 0 PSI TO 200 PSI MKS Technology 722B21TCD2FK MKS Technology 627D-29720 PFeiffer PKR251	PS 0098	Agilent	6030A	Power Supply
Hewlett Packard 6645A Agilent 6030A Advanced Energy MDX-5 Sorenson XT120-0.5 BK Precision 1785 BK Precision 1785 BK Precision 16700A AMETEK XPH42-10 Agilent Technologies N5747A Agilent Technologies N5747A Hewlett Packard 6645A Pinnacle Power Supply 3152433-359-B Prinnacle Power Supply 0 PSI TO 200 PSI MKS Technology 722B21TCD2FK MKS Technology 627D-29720 Pfeiffer PKR251	PS 0099	Agilent	6645A	Power Supply
Agilent 6030A Advanced Energy MDX-5 Sorenson XT120-0.5 BK Precision 1785 BK Precision 1785 BK Precision GW Model DPC-6030 BK Precision 16700A AMETEK XPH42-10 Agilent Technologies N5747A Agilent Technologies N5747A Hewlett Packard 6645A Pinnacle Power Supply 3152433-359-B RU 0 PSI TO 200 PSI MKS Technology 722B21TCD2FK MKS Technology PKR251	PS0103	Hewlett Packard	6645A	Power Supply
Advanced Energy MDX-5 Sorenson XT120-0.5 BK Precision 1785 BK Precision 1785 BK Precision GW Model DPC-6030 BK Precision 16700A BK Precision XPH42-10 AMETEK XPH42-10 Agilent Technologies N5747A Hewlett Packard N5747A Pinnacle Power Supply 3152433-359-B RU 0 PSI TO 200 PSI MKS Technology 722B21TCD2FK MKS Technology 627D-29720 PFeiffer PKR251	PS 0104	Agilent	6030A	Power Supply
Sorenson XT120-0.5 BK Precision 1785 BK Precision 1785 BK Precision GW Model DPC-6030 BK Precision 16700A BK Precision XPH42-10 AMETEK XPH42-10 Agilent Technologies N5747A Hewlett Packard 6645A Pinnacle Power Supply 3152433-359-B RU 0 PSI TO 200 PSI MKS Technology 722B21TCD2FK MKS Technology 627D-29720 Pfeiffer PKR251	PS 0106	Advanced Energy	MDX-5	Power Supply
BK Precision 1785 BK Precision 1785 GW GW Model DPC-6030 BK Precision 16700A BK Precision 16700A AMETEK XPH42-10 Agilent Technologies N5747A Agilent Technologies N5747A Hewlett Packard 6645A Pinnacle Power Supply 3152433-359-B RU 0 PSI TO 200 PSI MKS Technology 722B21TCD2FK MKS Technology 627D-29720 Pfeiffer PKR251	PS 0191	Sorenson	XT120-0.5	Power Supply
BK Precision 1785 GW GW Model DPC-6030 BK Precision 16700A AMETEK XPH42-10 Agilent Technologies N5747A Agilent Technologies N5747A Hewlett Packard 6645A Pinnacle Power Supply 3152433-359-B RU 0 PSI TO 200 PSI MKS Technology 722B21TCD2FK MKS Technology 627D-29720 Pfeiffer PKR251	PS 0214	BK Precision	1785	Power Supply
GW GW Model DPC-6030 BK Precision 16700A AMETEK XPH42-10 Agilent Technologies N5747A Agilent Technologies N5747A Hewlett Packard 6645A Pinnacle Power Supply 3152433-359-B RU 0 PSI TO 200 PSI MKS Technology 722B21TCD2FK MKS Technology 627D-29720 Pfeiffer PKR251	PS 0215	BK Precision	1785	Power Supply
BK Precision 16700A AMETEK XPH42-10 Agilent Technologies N5747A Agilent Technologies N5747A Hewlett Packard 6645A Pinnacle Power Supply 3152433-359-B RU 0 PSI TO 200 PSI MKS Technology 722B21TCD2FK MKS Technology 627D-29720 Pfeiffer PKR251	PS 0242	WĐ	GW Model DPC-6030	Power Supply
AMETEK XPH42-10 Agilent Technologies N5747A Agilent Technologies N5747A Hewlett Packard 6645A Pinnacle Power Supply 3152433-359-B RU 0 PSI TO 200 PSI MKS Technology 722B21TCD2FK MKS Technology 627D-29720 Pfeiffer PKR251	PS 0246	BK Precision	16700A	Power Supply
Agilent Technologies N5747A Agilent Technologies N5747A Hewlett Packard 6645A Pinnacle Power Supply 3152433-359-B RU 0 PSI TO 200 PSI MKS Technology 722B21TCD2FK MKS Technology 627D-29720 Pfeiffer PKR251	PS 0281	AMETEK	XPH42-10	Power Supply
Agilent Technologies N5747A Hewlett Packard 6645A Pinnacle Power Supply 3152433-359-B RU 0 PSI TO 200 PSI MKS Technology 722B21TCD2FK MKS Technology 627D-29720 Pfeiffer PKR251	PS 0282	Agilent Technologies	N5747A	Power Supply
Hewlett Packard 6645A Pinnacle Power Supply 3152433-359-B RU 0 PSI TO 200 PSI MKS Technology 722B21TCD2FK MKS Technology 627D-29720 Pfeiffer PKR251	PS 0283	Agilent Technologies	N5747A	Power Supply
Pinnacle Power Supply 3152433-359-B RU 0 PSI TO 200 PSI MKS Technology 722B21TCD2FK MKS Technology 627D-29720 Pfeiffer PKR251	PS 0361	Hewlett Packard	6645A	Power Supply
RU 0 PSI TO 200 PSI MKS Technology 722B21TCD2FK MKS Technology 627D-29720 Pfeiffer PKR251	PS 0417	Pinnacle Power Supply	3152433-359-B	Power Supply
MKS Technology 722B21TCD2FK MKS Technology 627D-29720 Pfeiffer PKR251	PS 0166	RU	0 PSI TO 200 PSI	Pressure Gage
MKS Technology 627D-29720 Pfeiffer PKR251	PS 0388	MKS Technology	722B21TCD2FK	Pressure Transducer
Pfeiffer PKR251	PS 0402	MKS Technology	627D-29720	Pressure Transducer
	PS 0403	Pfeiffer	PKR251	Pressure Transducer

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uipment number Manufacturer Manufacturer part # Description PS 0404 MKS Technology 627D-29720 Pressure Transducer PS 0405 Pfeffer 627D-29720 Pressure Transducer PS 0406 Pfeffer 627D-29720 Pressure Transducer PS 0418 MKS Technology 627D-29720 Pressure Transducer PS 0418 MKS Technology 5CM3609P Purelied Mist Humidifier PS 0419 Dulklo TTR2 Radial Force Tester PS 0421 Blockwise Engineering TTR2 Radial Force Tester PS 0421 Blockwise Engineering TTR2 Radial Force Tester PS 0421 Jullabo CFT-75 Refrigerated Recirculator PS 0421 Allascar EL USB-2 RH-fremp US Data Logger PS 0421 Jullabo CFT-75 Refrigerated Recirculator PS 0421 Allascar EL USB-2 RH-fremp US Data Logger PS 0421 Jullabo CFT-75 Refrigerated Recirculator PS 0422 Allascar PSEMZ004 AP06430 Scan	Stainless Steel Ruler 12"	2020A	GEI International, Inc.	PS 0123
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pfeiffer PKR251 MKS Technology 627D-29720 Sunbeam SCM3609P Lufkin QR1425 Blockwise Engineering TTR2 Julabo FP50 Neslab CFT-75 Lascar EL USB-2 SAS n/a Aspex (RJ Lee) PSEM2000 40P05430 MKS Technology 1179A00411CR1BV Anest-lwata ISP-500 Anest-lwata ISP-500 Anest-lwata ISP-500B Anest-lwata <t< td=""><td>Stage Micrometer Slide</td><td>n/a</td><td>Laser Machine</td><td>PS 0192</td></t<>	Stage Micrometer Slide	n/a	Laser Machine	PS 0192
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pfeiffer PKR251 MKS Technology 627D-29720 MKS Technology 5CM3609P Lufkin QR1425 Blockwise Engineering TTR2 Julabo FP50 Neslab CFT-75 Lascar EL USB-2 SAS n/a Aspex (RJ Lee) PSEM2000 40P05430 MKS Technology 1179A00411CR1BV Anest-Iwata ISP-500 Anest-Iwata ISP-500 Anest-Iwata ISP-500B Anest-Iwata	Soldering Iron	Wes50	Weller	PS 0144
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pfeiffer PKR251 MKS Technology 627D-29720 MKS Technology 627D-29720 MKS Technology SCM3609P Lufkin QR1425 Blockwise Engineering TTR2 Julabo CFT-75 Neslab CFT-75 Lascar EL USB-2 SAS n/a Aspex (RJ Lee) PSEM2000 40P05430 MKS Technology 1179A00411CR1BV Anest-Iwata ISP-500 Anest-Iwata ISP-500B Anest-Iwata<	Small Pin Gages	N/A	Meyer Gage Com[pany Inc.	PS 0349
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pfeiffer PKR251 MKS Technology 627D-29720 MKS Technology 5CM3609P Lufkin QR1425 Blockwise Engineering TTR2 Julabo FP50 Neslab CFT-75 Lascar EL USB-2 SAS n/a Aspex (RJ Lee) PSEM2000 40P05430 MKS Technology 1179A00411CR1BV Anest-Iwata ISP-500 Anest-Iwata ISP-500 Anest-Iwata ISP-500B Anest-Iwata ISP-500B Anest-Iwata ISP-500B Anest-Iwata ISP-500B Anest-Iwata ISP-500B BAnest-Iwata ISP-500B Anest-Iwata ISP-500B BAnest-Iwata ISP-500B BAnest-Iwata ISP-500B BAnest-Iwata ISP-500B BANGS-Iwata ISP-500B BANGS-Iwata ISP-500B BANGS-Iwata	Small Gage Pins .011 thru .060	M-O .011/.060	Meyer	PS 0119
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pfeiffer PKR251 MKS Technology 627D-29720 MKS Technology 627D-29720 MKS Technology SCM3609P Lufkin QR1425 Blockwise Engineering TTR2 Julabo FP50 Neslab CFT-75 Lascar EL USB-2 SAS n/a Aspex (RJ Lee) PSEM2000 40P05430 MKS Technology 1179A00411CR1BV Anest-Iwata ISP-500 Anest-Iwata ISP-500B Anest-Iwata ISP-500B Anest-Iwata ISP-500B Anest-Iwata ISP-500B Banest-Iwata ISP-500B Banest	Sink #1	PPWS8-A3	LM Air Technology	PS 0165
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pfeiffer PKR251 MKS Technology 627D-29720 MKS Technology 627D-29720 Sunbeam SCM3609P Lufkin QR1425 Blockwise Engineering TTR2 Julabo FP50 Neslab CFT-75 Lascar EL USB-2 Aspex (RJ Lee) PSEM2000 40P05430 MKS Technology 1179A00411CR18V Anest-Iwata ISP-500 Anest-Iwata ISP-500B Bob SB-100PY	Set of Dead Weights	1 G TO 1K	n/a	PS 0170
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pfeiffer PKR251 MKS Technology 627D-29720 MKS Technology 627D-29720 Sunbeam SCM3609P Lufkin QR1425 Blockwise Engineering TTR2 Julabo FP50 Neslab CFT-75 Lascar EL USB-2 SAS n/a Aspex (RJ Lee) PSEM2000 40P05430 MKS Technology 1179A00411CR1BV Anest-Iwata ISP-500 Anest-Iwata ISP-500B Anest-Iwata ISP-500B Anest-Iwata ISP-500B Anest-Iwata ISP-500B Anest-Iwata ISP-500B Spectroline SB-100PY	Sensor, Pressure	PS100-50BAR	Lutron	PS 0164-A/B
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pfeiffer PKR251 MKS Technology 627D-29720 Sunbeam SCM3609P Lufkin QR1425 Blockwise Engineering TTR2 Blockwise Engineering FP50 Neslab CFT-75 Lascar EL USB-2 SAS n/a Aspex (RJ Lee) PSEM2000 40P05430 MKS Technology 1179A00411CR1BV Anest-Iwata ISP-500 Anest-Iwata ISP-500 Anest-Iwata ISP-500B Anest-Iwata ISP-500B Anest-Iwata ISP-500B Anest-Iwata ISP-500B	Semi-Conductor Wafer Inspection Lamp	SB-100PY	Spectroline	PS 0110
Manufacturer Manufacturer part # MKS Technology 627D-29720 MKS Technology 627D-29720 MKS Technology 627D-29720 Sunbeam SCM3609P Lufkin QR1425 Blockwise Engineering TTR2 Julabo FP50 Neslab CFT-75 Lascar EL USB-2 SAS n/a Aspex (RJ Lee) PSEM2000 40P05430 MKS Technology 1179A00411CR1BV Anest-Iwata ISP-500 Anest-Iwata ISP-500B Anest-Iwata ISP-500B Anest-Iwata ISP-500B	Scroll Type Vacuum Pump	ISP-90	Anest-Iwata	PS 0227
Manufacturer Manufacturer part # MKS Technology 627D-29720 MKS Technology 627D-29720 MKS Technology 627D-29720 Sunbeam SCM3609P Lufkin QR1425 Blockwise Engineering TTR2 Blockwise Engineering TTR2 Julabo CFT-75 Lascar EL USB-2 SAS n/a Aspex (RJ Lee) PSEM2000 40P05430 MKS Technology 1179A00411CR1BV Anest-Iwata ISP-500 Anest-Iwata ISP-500B Anest-Iwata ISP-500B Anest-Iwata ISP-500	Scroll Type Vacuum Pump	ISP-500B	Anest-Iwata	PS 0185
Manufacturer Manufacturer part # MKS Technology 627D-29720 PFeiffer PKR251 MKS Technology 627D-29720 MKS Technology SCM3609P Lufkin QR1425 Blockwise Engineering TTR2 Blockwise Engineering TTR2 Julabo FP50 Neslab CFT-75 Lascar EL USB-2 SAS n/a Aspex (RJ Lee) PSEM2000 40P05430 MKS Technology 1179A00411CR1BV Anest-Iwata ISP-500 Anest-Iwata ISP-500B Anest-Iwata ISP-500B	Scroll Type Vacuum Pump	ISP-90	Anest-Iwata	PS 0109
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pfeiffer PKR251 MKS Technology 627D-29720 Sunbeam SCM3609P Lufkin QR1425 Blockwise Engineering TTR2 Julabo FP50 Neslab CFT-75 Lascar EL USB-2 SAS n/a Aspex (RJ Lee) PSEM2000 40P05430 MKS Technology 1179A00411CR1BV Anest-Iwata ISP-500 Anest-lwata ISP-500B	Scroll Type Vacuum Pump	ISP-500	Anest-Iwata	PS 0101
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pfeiffer PKR251 MKS Technology 627D-29720 Sunbeam SCM3609P Lufkin QR1425 Blockwise Engineering TTR2 Blockwise Engineering FP50 Neslab CFT-75 Lascar EL USB-2 SAS n/a Aspex (RJ Lee) PSEM2000 40P05430 MKS Technology 1179A00411CR1BV Anest-Iwata ISP-500	Scroll Type Vacuum Pump	ISP-500B	Anest-Iwata	PS 0091
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pfeiffer PKR251 MKS Technology 627D-29720 Sunbeam SCM3609P Lufkin QR1425 Blockwise Engineering TTR2 Julabo FP50 Neslab CFT-75 Lascar EL USB-2 SAS n/a Aspex (RJ Lee) PSEM2000 40P05430 MKS Technology 1179A00411CR1BV Anest-Iwata ISP-500	Scroll Type Vacuum Pump	ISP-500	Anest-Iwata	PS 0088
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pfeiffer PKR251 MKS Technology 627D-29720 Sunbeam SCM3609P Lufkin QR1425 Blockwise Engineering TTR2 Julabo FP50 Neslab CFT-75 Lascar EL USB-2 SAS n/a Aspex (RJ Lee) PSEM2000 40P05430 MKS Technology 1179A00411CR1BV	Scroll Type Vacuum Pump	ISP-500	Anest-Iwata	PS 0086
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pfeiffer PKR251 MKS Technology 627D-29720 Sunbeam SCM3609P Lufkin QR1425 Blockwise Engineering TTR2 Julabo FP50 Neslab CFT-75 Lascar EL USB-2 Aspex (RJ Lee) PSEM2000 40P05430	Sccm 100 (calibrated to N2)	1179A00411CR1BV	MKS Technology	PS 0413
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pfeiffer PKR251 MKS Technology 627D-29720 Sunbeam SCM3609P Lufkin QR1425 Blockwise Engineering TTR2 Julabo FP50 Neslab CFT-75 Lascar EL USB-2 n/a n/a	Scanning Electron Microscope (SEM)	PSEM2000 40P05430	Aspex (RJ Lee)	PS 0156
ManufacturerManufacturer part #MKS Technology627D-29720PfeifferPKR251MKS Technology627D-29720SunbeamSCM3609PLufkinQR1425Blockwise EngineeringTTR2JulaboFP50NeslabCFT-75LascarEL USB-2	SAS Fume Hood	n/a	SAS	PS 0176
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pfeiffer PKR251 MKS Technology 627D-29720 Sunbeam SCM3609P Lufkin QR1425 Blockwise Engineering TTR2 Julabo FP50 Neslab CFT-75	RH-Temp US Data Logger	EL USB-2	Lascar	PS 0200
ManufacturerManufacturer part #MKS Technology627D-29720PfeifferPKR251MKS Technology627D-29720SunbeamSCM3609PLufkinQR1425Blockwise EngineeringTTR2JulaboFP50	Refrigerated Recirculator	CFT-75	Neslab	PS 0090
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pressure Transdu Pfeiffer PKR251 Pressure Transdu MKS Technology 627D-29720 Pressure Transdu Sunbeam SCM3609P Purified Mist Hum Lufkin QR1425 Quikread 25" Tape Blockwise Engineering TTR2 Radial Force Test	Refregerated and Heating Circulator	FP50	Julabo	PS 0312
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pressure Transdu Pfeiffer PKR251 Pressure Transdu MKS Technology 627D-29720 Pressure Transdu Sunbeam SCM3609P Purified Mist Hum Lufkin QR1425 Quikread 25" Tape	Radial Force Tester	TTR2	Blockwise Engineering	PS 0421
ManufacturerManufacturer part #MKS Technology627D-29720Pressure TransduPfeifferPKR251Pressure TransduMKS Technology627D-29720Pressure TransduSunbeamSCM3609PPurified Mist Hum	Quikread 25" Tape Measure	QR1425	Lufkin	PS 0080
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pressure Transdu Pfeiffer PKR251 Pressure Transdu MKS Technology 627D-29720 Pressure Transdu	Purified Mist Humidifier	SCM3609P	Sunbeam	PS 0198
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pressure Transdu Pfeiffer PKR251 Pressure Transdu	Pressure Transducer	627D-29720	MKS Technology	PS 0418
Manufacturer Manufacturer part # MKS Technology 627D-29720 Pressure Transdu	Pressure Transducer	PKR251	Pfeiffer	PS 0405
Manufacturer Manufacturer part #	Pressure Transducer	627D-29720	MKS Technology	PS 0404
	Description	Manufacturer part #	Manufacturer	Equipment number

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Equipment number	Manufacturer	Manufacturer part #	Description
PS 0124	GEI International, Inc.	2020A	Stainless Steel Ruler 12"
PS 0125	GEI International, Inc.	2020A	Stainless Steel Ruler 12"
PS 0126	GEI International, Inc.	2020A	Stainless Steel Ruler 12"
PS 0127	GEI International, Inc.	2020A	Stainless Steel Ruler 12"
PS 0128	GEI International, Inc.	2020A	Stainless Steel Ruler 12"
PS 0129	GEI International, Inc.	2020A	Stainless Steel Ruler 12"
PS 0122	GEI International, Inc.	2020A	Stainless Steel Ruler 24"
PS 0130	GEI International, Inc.	2020A	Stainless Steel Ruler 6"
PS 0131	GEI International, Inc.	2020A	Stainless Steel Ruler 6"
PS 0132	GEI International, Inc.	2020A	Stainless Steel Ruler 6"
PS 0194	VLSI Standards Inc.	SHS-50.0 Q	Step Height Standard 48 um
PS 0193	VLSI Standards Inc.	SHS-9400 QC	Step Height Standard 9456 A
PS 0182	N/A	3357	Storage Refrigerator
PS 0229	Lesco	Super Spot Max VSM3002-HP	Super Spot Max UV Source
PS 0230	Lesco	Super Spot Max VSM3002-HP	Super Spot Max UV Source
PS 0062	Fisher Scientific	ISO-Temp 3016	Temperature Bath
PS 0216	Lascar	EL-USB-1-LCD	Temperature indicator with LCD display
PS 0152	Madge Tech	n/a	Temperature Recorder
PS 0363	Control Company	62344-734	Therm Clock Humidity Monitor
PS 0357	Control Company	62344-734	Therm./Clock/Humidity Monitor
PS 0378	Thermco Products, inc	N/A	Thermometer -110 TO 200°C
PS 0379	Thermco Products, inc	N/A	Thermometer -110 TO 200°C
PS 0380	Thermco Products, inc	N/A	Thermometer -110 TO 200°C
PS 0381	Thermco Products, inc	N/A	Thermometer -110 TO 200°C
PS 0382	Thermco Products, inc	N/A	Thermometer -110 TO 200°C
PS 0383	Thermco Products, inc	N/A	Thermometer -110 TO 200°C
PS 0201	Thorlabs GmbH	PM100D	ThorLabs Laser Power Meter

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Equipment number	Manufacturer	Manufacturer part #	Description
PS 0279	Toppan Photomask Inc.	n/a	Toppan Photomask
PS 0393	Control Company	62344-734	Trem/Clock/Humidity Monitor
PS 0394	Control Company	62344-734	Trem/Clock/Humidity Monitor
PS 0158	Raydiance	n/a	ultrashort pulse laser (femtosecond)
PS 0238	Branson	Branson 8510	Ultrasonic
PS 0024	Branson	2510R-MT	Ultrasonic Cleaner
PS 0063	Branson	3510R-MTH	Ultrasonic Cleaner
PS 0252	Cole Parmer	08895-12	Ultrasonic Cleaner
PS 0147	Mark-10	STJ50	Universal Digital Torque Indicator
PS 0107	Gamry	990-00168	Universal Dummy Cell
PS 0367	Ceram Optec	n/a	UV Fiber Optic Light Guide
PS 0232	Lesco	00570-REVA/106781	UV Single Fiberoptic Lightguide
PS 0041	ABPS	custom	Vacuum Annealer
PS 0384	N/A	N/A	Vacuum Oven
PS 0181	Vicks	n/a	Vicks Humidifier
PS 0175	Sheldon Manufacturing/VWR	9100710	VWR Vacuum Oven
PS 0030	Neslab	EX-111	Water Bath
PS 0031	Neslab	n/a	Water Bath
PS 0108	Neslab	Neslab RTE 740	Water Bath
PS 0140	Thermo	RTE-740	Water Bath
PS 0270	Precision	n/a	Water Bath
PS 0248	Precision	280 Series	Water Bath Control Temperature
PS 0261	NesLab	EX 111	Water Filter
PS 0143	Hughes	HRW 100C	Welding Power Supply
PS 0190	Palmaz Scientific	n/a	Wet Polisher
PS 0189	ABPS	n/a	Wet Polisher (Built by ABPS)

16-50552-cag Doc#106 Filed 03/28/16 Entered 03/28/16 20:31:50 Main Document Pg 57 of 105

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96,100.00

Total

3/28/2016

Palmaz Scientific Estimated Inventory

		maketi @([c]])		
tubes	Raw	\$ 008	4.50 \$	3,600.00
Niting targets (one lot)	Raw		42,000.00 \$	42,000.00
Polished substrates	WIP	200 \$	15.00 \$	3,000.00
Deposited PVD tubing	WIP	120 \$	150.00 \$	18,000.00
PVD maintenance spares	Spares		\$ 00.005,7	7,500.00
- L	Supplies		1,500.00 \$	1,500.00
Office and janitorial supplies	Supplies	~	\$ 00.008	500.00
Formed targets	WIP	∽	15,000.00 \$	15,000.00
3D Printer materials	Supplies	₹	1,100.00 \$	1,100.00
Blasting media	Consumable	1 \$	100.00	100.00
Glassware (beakers, vessels, watch glass)	Supplies/Consumables	√	\$ 00.000,8	3,000.00
Quartz tubes	Supplies	7	\$ 00.008	800.00

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11/17/2020	Drug Delivery	CON: Endoluminal Device for In Vivo Delivery of Bioactive Agents	US: Pending Patent
11/17/2020	Drug Delivery	CON: Endoluminal Device for In Vivo Delivery of Bioactive Agents	US: Patent No. 8,697,175
11/17/2020	Drug Delivery	CON: Endoluminal Device for In Vivo Delivery of Bioactive Agents	US: Patent No. 8,128,690
11/17/2020	Drug Delivery	DIV: Endoluminal Device Exhibiting Improved Endothelialization	EP: Pending Patent
11/16/2020	PVD Process	Endoluminal Device Exhibiting Improved Endothelialization	AU: Patent No. 783336
11/16/2020	Surface Technology	Endoluminal Device Exhibiting Improved Endothelialization	
11/16/2020	Surface Technology	Endoluminal Device Exhibiting Improved Endothelialization	NL: Patent No. 1233725
11/16/2020	Surface Technology	Endoluminal Device Exhibiting Improved Endothelialization	IT: Patent No. 1233725
11/16/2020	Surface Technology	Endoluminal Device Exhibiting Improved Endothelialization	
11/16/2020	Surface Technology	Endoluminal Device Exhibiting Improved Endothelialization	GB: Patent No. 1233725
11/16/2020	Surface Technology	Endoluminal Device Exhibiting Improved Endothelialization	
11/16/2020	Surface Technology	Endoluminal Device Exhibiting Improved Endothelialization	
11/16/2020	Surface Technology	Endoluminal Device Exhibiting Improved Endothelialization	Patent No.
11/16/2020	Surface Technology	Endoluminal Device Exhibiting Improved Endothelialization	1
11/16/2020	Surface Technology	Endotuminal Device Exhibiting Improved Endothelialization	EP: Patent No. 1233725
11/16/2020	Surface Technology	CON: Methods of Making Devices	US: Pending Patent
11/7/2020	Drug Delivery	DIV: Metallic Drug-Releasing Medical Devices and Method of Making	
11/7/2020	Process - Material	CIP: Self-Supporting Laminated Films, Structural Materials and Medical Devices	US: Patent No. 6,849,085
8/7/2020	Stent-Graft Device	DIV: Covered Stent with Proximal and Distal Attachment, Delivery	1
8/7/2020	Material	CIP: Self-Supporting Metallic Implantable, Compliant Implantable Medical Devices	- 1
7/15/2020	Stent-Graft Device	CON: High Strength Vacuum Deposited Nitinol Alloy Films	
5/12/2020	Stent-Graft Device	DIV: Medical Device including a Thin Metallic Film Component Attached to a Polymeric Component	AU: Patent No. 2013234393
5/12/2020	Material	DIV: Balloon Catheter Having Metal Balloon and Method of Making Same	
4/29/2020	Stent - Graft Device	Stent Segments Axially Connected by Thin Film	
4/29/2020	Metal Balloon	CIP: Embolic Protection Device	1
3/20/2020	Embolic Protection	Balloon Catheter Having Metal Balloon	
1/19/2020	Metal Balloon	CON: Balloon Catheter Having Metal Balloon	US: Patent No. 8,460,333
1/9/2020	Stent	DIV: Implantable Expandable Medical Devices Having Regions of Differential Mechanical Properties	CA: Pending Patent
1/9/2020	Metal Balloon	DIV: High Strength Vacuum Deposited Nitinol Alloy Films	
12/2/2019	Stent-Graft Device	DIV: Covered Stent with Proximal and Distal Attachment	
12/2/2019	Material	DIV: Endoluminal Implantable Stent-Grafts	US: Patent No. 7,491,226
11/19/2019	Stent-Graft Device	Medical Device including a Thin Metallic Film Component Attached to Polymeric Component	MX: Pending Patent
11/19/2019	Stent-Graft Device	DIV: Endoluminal Device Exhibiting Improved	Patent No. 2
11/19/2019	Stent-Graft Device	Valvular Prostheses Having Metal or Pseudometallic Construction	
11/19/2019	Valve - Stent	DIV: Endoluminal Device Exhibiting Improved Endothelizlization	
11/19/2019	Process-Device	Endoluminal Device Exhibiting Improved Endothelialization	
11/19/2019	Surface Technology	Intravascular Stent and Method for Manufacture	Patent No.
11/15/2018	Surface Technology	Intravascular Stent and Method for Manufacture	
11/15/2018	Surface Technology	Intravascular Stent and Method of Manufacture	
11/15/2018	Surface Technology	Intravascular Stent and Method for Manufacture	Patent No.
11/5/2018	Surface Technology	Intravascular Stent and Method for Manufacture	Patent No.
11/5/2018	Surface Technology	Intravascular Stent and Method for Manufacture	Patent No.
11/5/2018	Surface Technology	Intravascular Stent and Method for Manufacture	Patent No.
11/7/2017	Surface Technology	Intravascular Stent and Method for Manufacture	US: Patent No. 6,190,404
(Est. for Pending)			
Expiration	Family	Title (CIP: Continuation in part, PCT = Patent cooperation Treaty DIV = Divisional CON = Continuation)	Geography/Patent #/Status

5/18/2021 5/18/2021 5/18/2021 5/18/2021 5/18/2021	Surface Lechnology	A PARTY OF THE PAR	JP Patent No. 5642218
5/18/2021 5/18/2021 5/18/2021 5/18/2021	O	DIV: Methods for Manufacturing an Intravascular Stent	
5/18/2021 5/18/2021	Process - Device	DIV: Methods for Manufacturing an Intravascular Stent	JP: Pending Patent
5/18/2021	Surface Technology	DIV: Methods for Manufacturing an Intravascular Stent	JP: Patent No. 5379195
1707/01/0	Drug Delivery	DIV: Method for Making Grooves on a Luminal Surface of an Intravascular Stent	US: Pending Patent
というこう シンコ	Surface Technology	DIV: Method for Making Grooves on a Luminal Surface of an Intravascular Stent	US: Patent No. 8,512,579
5/18/2021	Surface Technology	CON: Medical Devices Having MEMs Functionality	US: Pending Patent
5/18/2021	Stent	Methods and Apparatus for Manufacturing an Intravascular Stent	Patent No.
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	ł
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	ŧ
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	ES: Patent No. 1769775
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	- 1
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	DE: Patent No. 1769775
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	- 1
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	Patent No.
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	EP: Patent No. 1769775
5/18/2021	Surface Technology	DIV: Methods and Apparatus for Manufacturing an Intravascular Stent	
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing Intravascular Stent	
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	1
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	Patent No.
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	Patent No.
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	Patent No.
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	
5/18/2021	Surface Technology	Methods and Apparatus for Manufacturing an Intravascular Stent	EP: Patent No. 1359865
5/18/2021	Surface Technology		US: Pending Patent
5/11/2021	Material	CON: Self-Supporting Laminated Films, Structural Materials and Medical Devices	US: Pending Patent
5/11/2021	Material	Endoluminal Implantable Devices and Method	
3/20/2021	Stent-Graft Device	Endoluminal Implantable Devices and Method	٠,١
3/20/2021	Stent-Graft Device	Endoluminal Implantable Devices and Method	
3/20/2021	Stent-Graft Device	CON: Endoluminal Implantable Stent-Grafts	
3/12/2021	Stent-Graft Device	CON: Endoluminal Device Exhibiting Improvfed Endothelialization	US: Patent No. 7,625,594
3/12/2021	Process	CON: In Vivo Sensor and Method of Making Same	US: Pending Patent
2/14/2021	Material	CON: Compliant Implantable Medical Devices and Methods of Making	
12/9/2020	Stent-Graft Device	CON: Compliant Implantable Medical Devices and Mehtods	
12/9/2020	Stent-Graft Device	DIV: Compliant Implantable Medical Devices	- 1
12/9/2020	Process - Graft	Compliant Implantable Medical Devices and Methods	US: Patent No. 6,936,066
(ESt. for Pending)			
Expiration	Family	Title (CIP: Continuation in part, PCT = Patent cooperation Treaty DIV = Divisional CON = Continuation)	Geography/Patent #/Status

1			
7/3/2022	Valve - Stent	EP DIV: Valvular Prostheses Having Metal or Pseudometallic Construction	
7/3/2022	Valve - Stent	DIV: Valvular Prostheses Having Metal or Pseudometallic Construction	AU Patent No. 2008201081
7/3/2022	Valve - Stent	DIV: Valvular Prostheses Having Metal or Pseudometallic Construction	AU Patent No. 2008201080
7/3/2022	Valve - Stent	Valvular Prostheses Having Metal or Pseudometallic Construction	AU: Patent No. 2002319631
7/3/2022	Valve - Stent	Valvular Prostheses Having Metal or Pseudometallic Construction	CA: Patent No. 2452571
7/3/2022	Valve - Stent	Valvular Prostheses Having Metal or Pseudometallic Construction	JP: Patent No. 4636794
7/3/2022	Valve - Stent	Valvular Prostheses Having Metal or Pseudometallic Construction	IT: Patent No. 1408895
7/3/2022	Valve - Stent	Valvular Prostheses Having Metal or Pseudometallic Construction	Patent No.
7/3/2022	Valve - Stent	Valvular Prostheses Having Metal or Pseudometallic Construction	GB: Patent No. 1408895
7/3/2022	Valve - Stent	Valvular Prostheses Having Metal or Pseudometallic Construction	FR: Patent No. 1408895
7/3/2022	Valve - Stent	Valvular Prostheses Having Metal or Pseudometallic Construction	DE: Patent No. 1408895
7/3/2022	Valve - Stent	Valvular Prostheses Having Metal or Pseudometallic Construction	
7/3/2022	Valve - Stent	Methods and Apparatus for Manufacturing an Intravascular Stent	
5/10/2022	Surface Technology	CON: Endoluminal implantable Stent-Grafts	
4/30/2022	Stent-Graft Device	CIP: Endoluminal Implantable Devices and Method	US: Patent No. 6,537,310
4/30/2022	Process - Device	CON: Balloon Catheter Having Metal Balloon and Method of Making Same	US: Pending Patent
4/29/2022	Metal Balloon	CON: Guidewires and Thin Film Catheter-Sheaths and Method of Making	US: Pending Patent
4/29/2022	Delivery System	CON: Compliant Implantable Medical Device and Method	US: Patent No. 7,641,682
2/2/2022	Graft - Thin Film	CON: Device for In Vivo Delivery of Bioactive Agents and Method of	US: Pending Patent
11/19/2021	Drug Delivery	DIV: Device for In Vivo Delivery of Bioactive Agents and Method	
11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents and Method of	CN: Pending Patent
11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents and Method of	
11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents and Method of	
11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents and Method of	CA: Pending Patent
11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents	AU: Patent No. 2002249771
11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents	
11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents	
11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents	
11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents	Patent No. 1
11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents	
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11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents	
11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents	Patent No.
11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents	Patent No.
11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents	Patent No.
11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents	Patent No.
11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents	Patent No.
11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents	
11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents	AT: Patent No. 1347791
11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents	EP: Patent No. 1347791
11/19/2021	Drug Delivery	Device for In Vivo Delivery of Bioactive Agents and Methods	
11/19/2021	Drug Delivery	CIP: High Strength Vacuum Deposited Nitinol Alloy Films	US: Patent No. 7,335,426
10/24/2021	Material	Guidewires and Thin Film Catheter-Sheaths and Methods	AU: Patent No. 2002326894
9/12/2021	Delivery System	Self-Supporting Laminated Films, Structural Materials and Medical Devices	AU: Patent No. 2001261455
Pending)			
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12/14/2022 12/14/2022 12/14/2022	Sensor	In Vivo Sensor and Method of Making Same	DE: Patent No. 1365710
12/14/2022	Selisoi		Patent No.
12/14/2022	0000	In Vivo Sensor and Method of Making Same	D
	Sensor	In Vivo Sensor and Method of Making Same	EP: Patent No. 1365710
12/14/2022	Sensor	Implantable Expandable Medical Devices Having Regions of Different Mechanical Properties	US: Patent No. 6,923,829
11/25/2022	Stent	CON: Method of Making Implantable Medical Devices Having Controlled Surface Properties	US: Pending Patent
11/16/2022	Surface Technology	CON: Implantable Medical Devices Having Controlled Surface Properties	US: Pending Patent
11/6/2022	Surface Technology	In Vivo Sensor and Method of Making Same	US: Patent No. 8,372,139
10/25/2022	Sensor	DIV: Implantable Materials Having Engineered Surfaces and Method of Making Same	US: Patent No. 8,932,347
9/29/2022	Surface Technology	EP DIV: Self-Supporting Metallic Implantable Grafts, Compliant Implantable Devices	EP: Patent No. 2298249
8/1/2022	Graft - Thin Film	Embolic Protection Device	AU: Patent No. 2002335625
8/1/2022	Embolic Protection	Embolic Protection Device	CA: Patent No. 2457012
8/1/2022	Embolic Protection	Embolic Protection Device	JP: Patent No. 4319540
8/1/2022	Embolic Protection	Embolic Protection Device	IT: Patent No. 1416978
8/1/2022	Embolic Protection	Embolic Protection Device	IE: Patent No. 1416978
8/1/2022	Embolic Protection	Embolic Protection Device	GB: Patent No. 1416978
8/1/2022	Embolic Protection	Embolic Protection Device	FR: Patent No. 1416978
8/1/2022	Embolic Protection	Embolic Protection Device	ES: Patent No. 1416978
8/1/2022	Embolic Protection	Embolic Protection Device	
8/1/2022	Embolic Protection	Embolic Protection Device	CH: Patent No. 1416978
8/1/2022	Embolic Protection	Embolic Protection Device	EP: Patent No. 1416978
8/1/2022	Embolic Protection	Self-Supporting Metallic Implantable Grafts, Compliant Implantable Medical Devices	
8/1/2022	Graft - Thin Film	Self-Supporting Metallic Implantable Grafts, Compliant Implantable Medical Devices	
8/1/2022	Graft - Thin Film		JP: Patent No. 4934269
8/1/2022	Graft - Thin Film		Patent No.
8/1/2022	Graft - Thin Film		Patent No.
8/1/2022	Graft - Thin Film		Patent No.
8/1/2022	Graft - Thin Film	Self-Supporting Metallic Implantable Grafts, Compliant Implantable Medical Devices	Patent No.
8/1/2022	Graft - Thin Film	Balloon Catheter Having Metal Balloon	AU: Patent No. 2002323009
7/31/2022	Metal Balloon	Balloon Catheter Having Metal Balloon	CA: Patent No. 2455417
7/31/2022	Metal Balloon	Balloon Catheter Having Metal Balloon	JP: Patent No. 4567332
7/31/2022	Metal Balloon	Balloon Catheter Having Metal Balloon	NL: Patent No. 1412016
7/31/2022	Metal Balloon	Balloon Catheter Having Metal Balloon	
7/31/2022	Metal Balloon	Balloon Catheter Having Metal Balloon	IE: Patent No. 1412016
7/31/2022	Metal Balloon	Balloon Catheter Having Metal Balloon	Patent No.
7/31/2022	Metal Balloon	Balloon Catheter Having Metal Balloon	Patent No.
7/31/2022	Metal Balloon	Balloon Catheter Having Metal Balloon	
7/31/2022	Metal Balloon	Balloon Catheter Having Metal Balloon	
7/31/2022	Metal Balloon	Balloon Catheter Having Metal Balloon	
7/31/2022	Metal Balloon	Balloon Catheter Having Metal Balloon	EP: Patent No. 1412016
7/31/2022	Metal Balloon	EP DIV: Valvular Prostheses Having Metal or Pseudometallic Construction	NL: Patent No. 2298252
7/3/2022	Valve - Stent	EP DIV: Valvular Prostheses Having Metal or Pseudometallic Construction	IE: Patent No. 2298252
7/3/2022	Valve - Stent	EP DIV: Valvular Prostheses Having Metal or Pseudometallic Construction	GB: Patent No. 2298252
7/3/2022	Valve - Stent	EP DIV: Valvular Prostheses Having Metal or Pseudometallic Construction	FR: Patent No. 2298252
7/3/2022	Valve - Stent	EP DIV: Valvular Prostheses Having Metal or Pseudometallic Construction	DE: Patent No. 2298252
Pending)			
Expiration	Family	Title (CIP: Continuation in part, PCI = Patent cooperation reaty DIV = DIVISIONAL CON = Continuation)	Geography/Patent #/Status

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Patent No. 1355710 In Vvo Sensor and Method of Making Same Patent No. 1355711 In Vvo Sensor and Method of Making Same Patent No. 1355711 In Vvo Sensor Senso	5/6/2024	Graft	Metallic Implantable Grafts and Method of	AU: Patent No. 2004238270
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graphy/Patent #Status Title (GIP: Continuation in part, PCI = Patent cooperation (reary UN = Invisional CAN = Continuation) Patent No. 479412 OIP: Stents with Metallic Covers and Methods of Making Same Patent No. 479412 CON, Devices Having MEths Functionally Patent No. 479412 CON, Devices Having MEths Functionally Patent No. 7245043 Medical Devices Having MEths Functionally Patent No. 7245044 Medical Devices Having Methods Methods Methods Method Methods Medical Devices Having Methods and Apparatus for Method of Making Patent No. 2745044 Medical Devices Having Medical Devices and Method of Making Patent No. 2745044 Medical Devices Medical Devices Having Regions of Methods Method of Making Patent No. 2745044 Medical Devices Medical Devices Having Regions Same Sent Graft Device Patent No. 2745044 DIV. Methods and Apparatus for Methods Method of Making Same Sent Graft Device Sent Graft	9/14/2026	Process	Covered Stent with Proximal and Distal Attachment	MX: Patent No. 305389
graphy/Patent #Status Title (cIP: Continuation in part, PC) = Patent cooperation (reary Juv = Juvisional CAN = Centinuation) Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CON. Device for in Yvo Delivery of Bioactive Agents Patent No. 4799412 CON. Device for in Yvo Delivery of Bioactive Agents Benting Patent Medical Devices Having MEMs Functionality Patent No. 5025038 Medical Devices Having MEMs Functionality Patent No. 5025039 Medical Devices Having MEMs Functionality Patent No. 5102029 Patent No. 5102029 Medical Devices Having MEMs Functionality Patent No. 5102029 Medical Devices Having Medical Devices and Method of Making Patent No. 5102029 Medical Devices Having Engineered Surfaces and Method of Making Patent No. 5102029 Medical Devices Having Engineered Surfaces and Method of Making Patent No. 5102029 Medical Devices Having Engineered Surfaces and Method of Making Patent No. 5102029 Medical Devices Having Engineered Surfaces and Method of Making Patent No. 5102029 Medical Devices Sent-Graft Device Patent No. 5102029 Medical Devices Sent-Graft Device Sent-Graft Device Sent-Graft Device Sent-Graft Device Sent-Graft Device Sent-Graft Device Process: Sent-Graft Device Process: Sent-Graft Device Patent No. 5102029 Sent-Graft Device Patent No. 5102029 Sent-Graft Device Sent-Graft Device Sent-Graft De	8/30/2026	Stent-Graft Device	Covered Stent with Proximal and Distal Attachment	JP: Patent No. 5331479
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graphy/Patent #IStatus Title (CIP: Continuation in part, PCI = Patent Cooperation (reaty Liv = Divisional Cour = Continuation) Patent No. 4799412 OIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 OIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 OIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 OIP: Stents with Metallic Covers and Method of Making Patent No. 7295 088 Medical Devices Having MEMs Functionality Medical Devices Having MEMs Functionality Patent No. 7295 088 Medical Devices Having MEMs Functionality Patent No. 7295 088 Medical Devices Having MEMs Functionality Medical Devices Having Medical Devices and Method of Making Patent No. 7295 088 Medical Devices Having Medical Devices and Method of Making Medical Devices Having Medical Devices and Method of Making Medical Devices Having Medical Devices and Method of Making Medical Devices Having Medical Devices and Method of Making Medical Device Stent-Graft Device Stent-Graft Device Stent-Graft Device Stent-Graft Device Stent-Graft Device Stent-Graft Device Stent-Graft Device Stent-Graft Device Stent-Graft Device Stent-Graft Device Stent-Graft Device Stent-Graft Device Stent-Graft Device Stent-Graft Device Stent-Graft Device Stent-Graft Device Stent-Graft Device Stent-Graft Device Stent-Graft Device	8/30/2026	Stent-Graft Device	Covered Stent with Proximal and Distal Attachment	CA: Patent No. 2621299
graphy/Patent #IStatus Title (CIP: Continuation in part, IPCI = Patent cooperation (reaty Liv = Livisional Cour = Continuation) Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CON: Device for in Vivo Delivery of Bioactive Agents Patent No. 4799412 CON: Device for in Vivo Delivery of Bioactive Agents Patent No. 4799412 Medical Devices Having MEMs Functionally Medical Devices Having MEMs Functionally Patent No. 7704,274 Medical Devices Having MEMs Functionally Patent No. 7704,274 Medical Devices Having MEMs Functionally Patent No. 7704,274 Medical Devices Having MEMs Functionally Medical Devices Having MEMs Functionally Patent No. 7704,274 Medical Devices Having MEMs Functionally Patent No. 7704,274 Medical Devices Having MEMs Functionally Medical Devices and Method of Making Patent No. 2780472 Medical Devices and Method of Making Medical Devices and Method of Making Same Div. Methods and Apparatus for Making Same Stent-Graft Device Ste	8/30/2026	Stent-Graft Device	Covered Stent with Proximal and Distal Attachment	AU: Patent No. 2006284818
graphy/Patent #IStatus Title (CIP: Continuation in part, PC) = Patent No. 4799412 CIP: Stemts with Metallic Covers and Methods of Making Same CON: Device for In Vivo Delivery of Bloactive Agentis Stemt Stemt Stemt Stemt Stemt Stemt Panding Patent Medical Devices Having MEMs Functionality Stemt Stemt Stemt Panding Patent Medical Devices Having MEMs Functionality Stemt Stemt Stemt Panding Patent Medical Devices Having MEMs Functionality Stemt Stemt Panding Patent Medical Devices Having MEMs Functionality Stemt Stemt Stemt Panding Patent Medical Devices Having MEMs Functionality Stemt Stemt Panding Patent Medical Devices Having MEMs Functionality Stemt Stemt Patent No. 7.236.281 Medical Devices Having MEMs Functionality Stemt Patent No. 7.236.281 Medical Devices Having MEMs Functionality Stemt Patent No. 7.236.281 Medical Devices Having MEMs Functionality Stemt Patent No. 7.236.282 Medical Devices Having MEMs Functionality Stemt Patent No. 7.236.282 Medical Devices Having MEMs Functionality Stemt Stemt Patent No. 7.236.283 Medical Devices Having MEMs Functionality Divide Patent No. 7.236.283 Medical Devices and Method of Making Medical Devices Medical Devices Medical Devices Method Making Divide Patent No. 7.236.283 Medical Devices Medical Devices Method Making Divide Patent No. 7.236.283 Medical Devices Method Divide Patent No. 7.236.283 Divide Method Method Making Divide Patent No. 7.236.234 Divide Method Divide Patent No. 7.236.235 Divide Method Method Making Divide Patent No. 7.236.235 Divide Method Method Method Making Medical Device Stemt-Graft Devi	8/30/2026	Stent-Graft Device	CON: Methods of Making Medical Devices	US: Patent No. 8,247,020
graphy/Patent #Status Title (CIP: Continuation in part, PCI = Patent Cooperation reary LIV = Livisional Coln = Continuation) Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CON: Device for in Yvo Delivery of Bloactive Agents Pending Patent Medical Devices Having MEMs Functionality Pending Patent Medical Devices Having MEMs Functionality Medical Devices Having MEMs Functionality Patent No. 7704.774 Medical Devices Having Medical Devices and Method of Making Patent No. 2870972 Medilic Drug-Releasing Medical Devices and Method of Making Patent No. 2870972 Medilic Drug-Releasing Medical Devices and Method of Making Patent No. 2870973 Medilic Drug-Releasing Medical Devices and Method of Making Patent No. 2870973 Medilic Drug-Releasing Medical Devices and Method of Making Patent No. 2870973 Medilic Drug-Releasing Medical Devices and Method of Making Patent No. 2870973 Medilic Drug-Releasing Medical Devices and Method of Making Patent No. 2870973 Medilic Drug-Releasing Medical Devices and Method of Making Patent No. 2870973 Medilic Drug-Releasing Medical Devices and Method of Making Patent No. 2870973 Medilic Drug-Releasing Medical Devices and Method of Making Drug Delivery Stent-Graft Device Stent-Graft Device Stent-Graft Devi	1/31/2026	Process - Stent-Graft	DIV: Endoluminal Stent, Self-Supporting Endoluminal Graft	US: Patent No. 8,641,754
graphy/Patent #Status Title (CIP: Continuation in part, PC i = Patent Cooperation ready Liv = Luvisional Cun = Continuation) Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CIP: Stents with Metallic Devices Having MEMs Functionality Bending Patent Medical Devices Having MEMs Functionality Medical Devices Having MEMs Functionality Stent Patent No. 8,845,713 DIV: Self-Supporting Laminated Films, Structural Materials and Medical Devices Having MEMs Functionality Patent No. 7,704,274 Medical Devices Having MEMs Functionality Medical Devices Having MEMs Functionality Stent Patent No. 7,704,274 Medical Devices Having MEMs Functionality Medical Devices Having MEMs Functionality Stent Patent No. 7,704,274 Medical Devices Having MEMs Functionality Medical Devices Having Mems Functionality Stent Patent No. 7,704,274 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 2780,989 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 2780,972 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 2780,989 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 2780,989 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 2780,989 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 2780,989 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 2780,989 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 2780,989 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 2780,989 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 2780,989 Metallic Drug-Releasing Medical Devices and Method of Making Drug Delivery Stent-Graft Dev	12/5/2025	Stent	CON: Implantable Expandable Devices Having Regions of Different Mechanical Properties	US: Pending Patent
graphyPatent #Status Fittle (CIP: Continuation in part, PCI = Patent Cooperation reasy Liv = Livisional CAN = Continuation) Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CON: Device for in Vivo Delivery of Bisactive Agents Stent Patent No. 4799412 CON: Devices Having MEMs Functionality Medical Devices Having MEMs Functionality Pending Patent Medical Devices Having MEMs Functionality Medical Devices Having MEMs Functionality Patent No. 7335 098 Medical Devices Having MEMs Functionality Patent No. 7325 098 Medical Devices Having MEMs Functionality Patent No. 7325 098 Medical Devices Having MEMs Functionality Medical Devices Having MEMs Functionality Patent No. 7325 098 Medical Devices Having MEMs Functionality Medical Devices Having MEMs Functionality Medical Devices Having MEMs Functionality Patent No. 7325 098 Medical Devices Having MEMs Functionality Medical Devices Having MEMs Functionality Medical Devices Having MEMs Functionality Patent No. 7325 098 Medical Devices Having Medical Devices and Method of Making Patent No. 276252 Medicilic Drug-Releasing Medical Devices and Method of Making Patent No. 276253 Medicilic Drug-Releasing Medical Devices and Method of Making Patent No. 276253 Medicilic Drug-Releasing Medical Devices and Method of Making Patent No. 276253 Medicilic Drug-Releasing Medical Devices and Method of Making Patent No. 276253 Medicilic Drug-Releasing Medical Devices and Method of Making Patent No. 276253 Medicilic Drug-Releasing Medical Devices and Method of Making Patent No. 276253 Medicilic Drug-Releasing Medical Devices and Method of Making Patent No. 276263 Medicilic Drug-Releasing Medical Devices and Method of Making Patent No. 276263 Medicilic Drug-Releasing Medical Devices and Method of Making Stent-Graft Device Patent No. 276263 Medicilic Drug-Releasing Medical Devices and Method of Making Stent-Graft Device Stent-Graft Device Stent-Graft Device Stent-Graft Device Stent-Graft Devi	11/22/2025	Stent	Methods of Making Shape Memory Films by Chemical Vapor Deposition	US: Pending Patent
graphyPatent #Status Title (CIP: Continuation in part, PCI = Patent Cooperation (reary plus = Divisional CON = Continuation) Patent No. 4799412 CON: Device for In Vivo Delivery of Bloactive Agents Redical Devices Having MEMs Functionality Pending Patent Medical Devices Having MEMs Functionality Pending Patent Medical Devices Having MEMs Functionality Patent No. 8,845,713 DIV: Self-Supporting Laminated Films, Structural Materials and Medical Devices Having MEMs Functionality Patent No. 7,723,598 Medical Devices Having MEMs Functionality Patent No. 7,704,274 Medical Devices Having Medical Devices and Method of Making Patent No. 7,704,274 Medical Devices Having Medical Devices and Method of Making Patent No. 257,4972 Medical Devices Medical Devices and Method of Making Patent No. 276,255 Medical Drug-Releasing Medical Devices and Method of Making Pending Patent No. 276,255 Medical Drug-Releasing Medical Devices and Method of Making Patent No. 276,263 Medical Drug-Releasing Medical Devices and Method of Making Patent No. 276,263 Medical Drug-Releasing Medical Devices and Method of Making Patent No. 276,263 Medical Drug-Releasing Medical Devices and Method of Making Patent No. 276,263 Medical Drug-Releasing Medical Devices and Method of Making Patent No. 276,263 Medical Drug-Releasing Medical Devices and Method of Making Patent No. 276,263 Medical Drug-Releasing Medical Devices and Method of Making Patent No. 276,092 Drug Delivery Dru	9/14/2025	Process	Stents with Metallic Covers and Methods of Making Same	CN: Pending Patent
graphy/Patent #/Status Title (CIP: Continuation in part, PCI = Patent to opperation i reasy Liv = Livisional Cun = Continuation). Frainty Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Drug Delivery Patent No. 4799412 CON: Device for in Vivo Delivery of Bloactive Agents Stent Pending Patent Medical Devices Having MEMs Functionality Stent Patent No. 7,235,098 Medical Devices Having MEMs Functionality Stent Patent No. 7,742,74 Implantable Gard and Methods Stent-Gard Devices Patent No. 5,1020,28 Metallic Drug-Releasing Medical Devices and Method of Making Drug Delivery Patent No. 2782,59 Metallic Drug-Releasing Medical Devices and Method of Making Drug Delivery Patent No. 2782,50 Metallic Drug-Releasing Medical Devices and Method of Making Drug Delivery Patent No. 2782,50 Metallic Drug-Releasing Medical Devices and Method of Making Drug Delivery Patent No. 2782,50 M	9/9/2025	Stent-Graft Device	Stents with Metallic Covers and Methods of Making Same	MX: Pending Patent
Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same COV. Device for in Vivo Delivery of Bloactive Agents Stent	9/9/2025	Stent-Graft Device	Stents with Metallic Covers and Methods of Making Same	
Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CON: Device for in Vivo Delivery of Bloactive Agents Stent Pending Patent Medical Devices Having MEMs Functionality Pending Patent Medical Devices Having MEMs Functionality Medical Devices Having MEMs Functionality Pending Patent Medical Devices Having MEMs Functionality Medical Devices Having MEMs Functionality Patent No. 7,704,274 Metallic Drug-Releasing Medical Devices and Methods Patent No. 7,704,274 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 2574972 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276255 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276255 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276263 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276265 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276265 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276263 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276265 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276265 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276265 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276265 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276265 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276265 Metallic Drug-Releasing Medical Devices and Method of Making Metallic Drug-Rel	9/9/2025	Stent-Graft Device	Stents with Metallic Covers and Methods of Making Same	CA: Pending Patent
Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Drug Delivery Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Drug Delivery Patent No. 4799412 CON: Devices for in Yvo Delivery of Bloactive Agents Stent Patent No. 4799412 CON: Devices for in Yvo Delivery of Bloactive Agents Stent Pending Patent Medical Devices Having MEMs Functionality Stent Pending Patent Medical Devices Having MEMs Functionality Stent Patent No. 3645,713 DIV: Self-Supporting Laminated Films, Structural Materials and Medical Devices Having MEMs Functionality Stent Patent No. 7,704,274 Implantable Graft and Methods Stent Patent No. 5102029 Metallic Drug-Releasing Medical Devices and Method of Making Stent-Graft Device Patent No. 278259 Metallic Drug-Releasing Medical Devices and Method of Making Drug Delivery Patent No. 278263, 40 Metallic Drug-Releasing Medical Devices and Method of Making Drug Delivery Patent No. 8, 738, 340 CIP: Implantable Materials Having Engineered Surfaces and Method of Making Surface Technology Patent No. 2, 780, 3925 DIV. Methods and Apparatus for Manufacturing and Intravascular Stent	9/9/2025	Stent-Graft Device	CON: Stent-Graft with Proximal and Distal Attachment, Delivery	US: Pending Patent
Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CON: Devices for in Vivo Delivery of Bioactive Agents Pending Patent Medical Devices Having MEMs Functionality Pending Patent Medical Devices Having MEMs Functionality Pending Patent No. 7335,098 Medical Devices Having MEMs Functionality Patent No. 704,274 Pending Patent No. 704,274 Metallic Drug-Releasing Medical Devices and Methods of Making Patent No. 2574972 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276255 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276255 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276255 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276255 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276359 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276359 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276359 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276359 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276369 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276369 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276369 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276369 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276369 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276369 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 276369 Metallic Drug-Releasing Medical Devices and Method of Making Medical Drug-Releasing Medica	8/31/2025	Stent-Graft Device	DIV: Methods and Apparatus for Manufacturing and Intravascular Stent	CA Patent No. 2780089
Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CON: Device for in Vivo Delivery of Bioactive Agents Pending Patent Medical Devices Having MEMs Functionality Pending Patent Medical Devices Having MEMs Functionality Pending Patent Medical Devices Having MEMs Functionality Pending Patent No. 2355 098 Patent No. 7355 098 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 5102029 Pending Patent No. 276255 Metallic Drug-Releasing Medical Devices and Method of Making Pending Patent No. 276255 Metallic Drug-Releasing Medical Devices and Method of Making Pending Patent No. 276255 Metallic Drug-Releasing Medical Devices and Method of Making Pending Patent No. 276255 Metallic Drug-Releasing Medical Devices and Method of Making Pending Patent No. 276255 Metallic Drug-Releasing Medical Devices and Method of Making Pending Patent No. 276255 Metallic Drug-Releasing Medical Devices and Method of Making Pending Patent No. 276255 Metallic Drug-Releasing Medical Devices and Method of Making Pending Patent No. 276255 Metallic Drug-Releasing Medical Devices and Method of Making Pending Patent No. 276255 Metallic Drug-Releasing Medical Devices and Method of Making Pending Patent No. 276255 Metallic Drug-Releasing Medical Devices and Method of Making Drug Delivery Dr	8/31/2025	Stent-Graft Device	DIV: Methods and Apparatus for Manufacturing an Intravascular Stent	CA: Patent No. 2.780,092 -
graphy/Patent #/Status Title (CIP: Continuation in part, PC i = Patent cooperation i reary Liv = Divisional CON = Continuation) Failury Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Drug Delivery Patent No. 4799412 CON: Devices Flaving MEMs Functionality Stent Pending Patent Medical Devices Having MEMs Functionality Stent Pending Patent Medical Devices Having MEMs Functionality Stent Pending Patent Medical Devices Having MEMs Functionality Stent Patent No. 5,704,274 Medical Devices Having MEMs Functionality Stent Patent No. 7,704,274 Implantable Graft and Methods Stent-Graft Devices Patent No. 7,704,274 Implantable Graft and Method of Making Stent-Graft Devices Patent No. 5102029 Metallic Drug-Releasing Medical Devices and Method of Making Drug Delivery Patent No. 2574972 Metallic Drug-Releasing Medical Devices and Method of Making Drug Delivery Patent No. 276255 Metallic Drug-Releasing Medical Devices and Method of Making Drug Delivery Patent No. 8,288, 340 CIP: Implantable Materials Having Englished Surfaces and Method of Making Stent-Graft Device Patent No. 8,2	8/31/2025	Stent-Graft Device	DIV. Stent-Graft with Proximal and Distal Attachment	
graphy/Patent #/Status Title (CIP: Continuation in part, PC I = Patent Cooperation Ireaty Liv = Divisional Con = Continuation) Faintify Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Drug Delivery Patent No. 4799412 CON: Devices Having MEMs Functionality Stent Pending Patent Medical Devices Having MEMs Functionality Medical Devices Having MEMs Functionality Patent No. 8,445,713 DIV: Self-Supporting Laminated Films, Structural Materials and Medical Devices Methods Material Patent No. 7,704,274 Implantable Graft and Methods Stent-Graft Devices Pending Patent Metallic Drug-Releasing Medical Devices and Method of Making Drug Delivery Patent No. 2574972 Metallic Drug-Releasing Medical Devices and Method of Making Drug Delivery Patent No. 276255 Metallic Drug-Releasing Medical Devices and Method of Making Drug Delivery Patent No. 276255 Metallic Drug-Releasing Medical Devices and Method of Making Drug Delivery <	8/31/2025	Stent-Graft Device	CIP: Implantable Materials Having Engineered Surfaces and Method of Making Same	U.S. Patent No. 8 268 340
graphy/Patent #/Status Title (CIP: Continuation in part, PCI = Patent cooperation ireaty DIV = Divisional CON = Continuation) Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Patent No. 4799412 CON: Device for In Vivo Delivery of Bioactive Agents Pending Patent Medical Devices Having MEMs Functionality Pending Patent Medical Devices Having MEMs Functionality Pending Patent Medical Devices Having MEMs Functionality Pending Patent Medical Devices Having MEMs Functionality Pending Patent Medical Devices Having MEMs Functionality Pending Patent No. 2735,998 Medical Devices Having MeMs Functionality Patent No. 7,235,098 Metallic Drug-Releasing Medical Devices and Method of Making Pending Patent Metallic Drug-Releasing Medical Devices and Method of Making Pending Patent Metallic Drug-Releasing Medical Devices and Method of Making Pending Patent Metallic Drug-Releasing Medical Devices and Method of Making Pending Patent Metallic Drug-Releasing Medical Devices and Method of Making Pending Patent Metallic Drug-Releasing Medical Devices and Method of Making Pending Patent Metallic Drug-Releasing Medical Devices and Method of Making Pending Patent Metallic Drug-Releasing Medical Devices and Method of Making Pending Patent Metallic Drug-Releasing Medical Devices and Method of Making Drug Delivery	8/20/2025	Surface Technology	Metallic Drug-Releasing Medical Devices and Method of Making	CN: Pending Patent
Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CON: Device for In Vivo Delivery of Bioactive Agents Patent No. 4799412 CON: Devices Having MEMs Functionality Patent No. 4799412 CON: Devices Having MEMs Functionality Pending Patent Medical Devices Having MEMs Functionality Patent No. 7,235,098 Medical Devices Having MEMs Functionality Patent No. 7,704,274 Implantable Graft and Methods Patent No. 7,704,274 Implantable Graft and Methods Method of Making Patent No. 5102029 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 2574972 Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 2574972 Metallic Drug-Releasing Medical Devices and Method of Making Drug Delivery	7/28/2025	Drug Delivery	Metallic Drug-Releasing Medical Devices and Method of Making	MX: Patent No. 276255
Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CON: Device for In Vivo Delivery of Bioactive Agents Pending Patent Pending Patent Medical Devices Having MEMs Functionality Pending Patent Pending Patent Medical Devices Having MEMs Functionality Pending Patent Pending Patent Medical Devices Having MEMs Functionality Pending Patent Pending Patent Medical Devices Having MEMs Functionality Patent No. 7,235,088 Medical Devices Having MEMs Functionality Pending Patent Medical Devices Having Medical Devices and Method of Making Patent No. 5102029 Metallic Drug-Releasing Medical Devices and Method of Making Metallic Drug-Releasing Medical Devices and Method of Making Drug Delivery	7/28/2025	Drug Delivery	Metallic Drug-Releasing Medical Devices and Method of Making	All: Pending Patent
Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Patent No. 4799412 CIP: Stents with Metallic Covers and Method of Making Patent No. 4799412 CIP: Stents with Metallic Covers and Method of Making Patent No. 4799412 CIP: Stents with Metallic Covers and Method of Making Patent No. 4799412 CIP: Stents with Metallic Covers and Method of Making Patent No. 4799412 CIP: Stents with Metallic Covers and Method of Making Patent No. 4799412 CIP: Stents with Metallic Covers and Method of Making Patent No. 4799412 CIP: Stents with Metallic Covers and Method of Making Patent No. 4799412 CIP: Stents with Metallic Covers and Method of Making Patent No. 4799412 CIP: Stents with Metallic Covers and Method of Making Patent No. 4799412 CIP: Stents with Metallic Covers and Method of Making Patent No. 4799412 CIP: Stents with Metallic Covers and Method of Making Patent No. 4799412 CIP: Stents with Metallic Covers and Method of Making Patent No. 4799412 CIP: Stents with Metallic Covers and Method of Making Patent No. 4799412 CIP: Stents with Metallic Covers and Method of Making Patent No. 4799412 CIP: Stents with Metallic Covers with Meta	7/28/2025	Drug Delivery	Metallic Drug-Releasing Medical Devices and Method of Making	CA: Patent No. 2574972
Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CON: Device for In Vivo Delivery of Bioactive Agents Pending Patent Pending Patent Pending Patent Pending Patent Pending Patent Medical Devices Having MEMs Functionality Pending Patent Pending Patent Pending Patent Medical Devices Having MEMs Functionality Pending Patent Pending Patent Medical Devices Having MEMs Functionality Pending Patent Pending Patent Medical Devices Having MEMs Functionality Patent No. 7,235,098 Medical Devices Having MEMs Functionality Pending Patent Metallic Drug-Releasing Medical Devices and Method of Making Pending Patent Metallic Drug-Releasing Medical Devices and Method of Making Patent No. 7,704,274 Metallic Drug-Releasing Medical Devices and Method of Making Metallic Drug-Releasing Medical Devices and Method of Making	7/28/2025	Drug Delivery	Metallic Drug-Releasing Medical Devices and Method of Making	.IP: Patent No. 5102029
Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Pending Patent Pending Patent Pending Patent Pending Patent Pending Patent Pending Patent Medical Devices Having MEMs Functionality Pending Patent Pending Patent Pending Patent Medical Devices Having MEMs Functionality Pending Patent Pending Patent Pending Patent Medical Devices Having MEMs Functionality Pending Patent Pending Patent Medical Devices Having MEMs Functionality Patent No. 8,845,713 DIV: Self-Supporting Laminated Films, Structural Materials and Medical Devices Patent No. 7,704,274 Implantable Graft and Methods Title (CIP: Continuation) Patent Wood A799412 CIP: Stents with Metallic Covers and Methods of Making Same Drug Delivery Drug Delivery Drug Delivery Drug Delivery Patent CON = Continuation) Patent No. 4799412 Drug Delivery Patent No. 7,704,274 Implantable Graft and Methods	7/28/2025	Drug Delivery	Metallic Drug-Releasing Medical Devices and Method of Making	EP: Pending Patent
Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Pending Patent Medical Devices Having MEMs Functionality Pending Patent No. 8,845,713 DIV: Self-Supporting Laminated Films, Structural Materials and Medical Devices Patent No. 7,235,098 Medical Devices Having MEMs Functionality Stent Stent Stent Stent Stent Stent Stent Stent Device	7/28/2025	Drug Delivery	Implantable Graft and Methods	US: Patent No. 7.704,274
Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Pending Patent Medical Devices Having MEMs Functionality Stent Medical Devices Having MEMs Functionality Patent No. 8.845.713 DIV: Self-Supporting Laminated Films, Structural Materials and Medical Devices Stent Stent Stent	3/24/2025	Stent-Graft Device	Medical Devices Having MEMs Functionality	US: Patent No. 7,235,098
Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Pending Patent Medical Devices Having MEMs Functionality	10/17/2024	Stent	DIV: Self-Supporting Laminated Films, Structural Materials and Medical Devices	US: Patent No. 8,845,713
Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Pending Patent Medical Devices Having MEMs Functionality Stent Stent Medical Devices Having MEMs Functionality Stent Stent Medical Devices Having MEMs Functionality	9/25/2024	Material	Medical Devices Having MEMs Functionality	CN: Pending Patent
Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Pending Patent Medical Devices Having MEMs Functionality	9/20/2024	Stent	Medical Devices Having MEMs Functionality	MX: Pending Patent
Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Drug Delivery Patent No. 4799412 CON: Device for In Vivo Delivery of Bioactive Agents Pending Patent Medical Devices Having MEMs Functionality Pending Patent Medical Devices Having MEMs Functionality Patent No. 4799412 CON: Devices Having MEMs Functionality Pending Patent Medical Devices Having MEMs Functionality Patent Ro. 4799412 CON: Devices Having MEMs Functionality Pending Patent Medical Devices Having Memory Pending Patent Memory	9/20/2024	Stent	Medical Devices Having MEMs Functionality	AU: Pending Patent
Digraphy/Patent #/Status Title (CIP: Continuation in part, PCI = Patent cooperation Freaty DIV = Divisional CON = Continuation) Patent No. 4799412 CIP: Stents with Metallic Covers and Methods of Making Same Patent No. 4799412 CON: Device for In Vivo Delivery of Bioactive Agents Stent Stent	9/20/2024	Stent	Medical Devices Having MEMs Functionality	
Title (CIP: Continuation in part, PCI = Patent cooperation Treaty DIV = DIVISIONAL CON = Continuation) CIP: Stents with Metallic Covers and Methods of Making Same Drug Delivery Drug Delivery	9/20/2024	Stent	CON: Device for In Vivo Delivery of Bioactive Agents	
Title (CIP: Continuation in part, PCI = Patent cooperation Treaty DIV = DIVISIONAL CON = Continuation)	9/9/2024	Drug Delivery	<u>.</u>	JP: Patent No. 4799412
Title (CIP: Continuation in part, PCI = Patent cooperation Treaty DIV = DIVISIONAL CON = Continuation)	Pending)			
	Expiration (Feet for	Family	Title (CIP: Continuation in part, PCT = Patent cooperation Treaty DIV = Divisional CUN = Continuation)	Geography/Patent #/Status

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11/11/2029	Graft - Thin Film	Metallic Implantable Grafts and Method of Making Same	
11/11/2029	Graft - Thin Film	Metallic Implantable Grafts and Method of Making Same	GB: Patent No. 1620047
11/11/2029	Graft - Thin Film	Metallic Implantable Grafts and Method of Making Same	FR: Patent No. 1620047
11/11/2029	Graft - Thin Film	Metallic Implantable Grafts and Method of Making Same	ES: Patent No. 1620047
11/11/2029	Graft - Thin Film	Metallic Implantable Grafts and Method of Making Same	EP: Patent No. 1620047
11/11/2029	Graft - Thin Film	Metallic Implantable Grafts and Method of Making Same	DE: Patent No. 1620047
11/11/2029	Graft - Thin Film	Metallic Implantable Grafts and Method of Making Same	CH: Patent No. 1620047
11/11/2029	Material	DIV: Implantable Materials Having Engineered Surfaces and Method of Making Same	US: Pending Patent
4/23/2029	Process - Material	CON: Methods of Making Medical Devices	US: Patent No. 8,647,700
3/12/2029	Process - Stent-Graft	Medical Devices with Monolithic Construction	US: Patent No. 7,736,687
3/12/2029	Process - Stent-Graft	DIV: Medical Device including Thin Metallic Film Component attached Polymer Component	JP: Pending Patent
10/28/2028	Stent-Graft Device	DIV: Medical Device including Thin Metallic Film Component attached Polymer Component	JP: Pending Patent
10/28/2028	Stent-Graft Device	Medical Device including a Thin Metallic Film Component Attached to Polymeric Component	JP: Patent No. 5400349
10/28/2028	Stent-Graft Device	Medical Device including a Thin Metallic Film Component Attached to Polymeric Component	
10/28/2028	Stent-Graft Device	Medical Device including a Thin Metallic Film Component Attached to Polymeric Component	
10/28/2028	Stent-Graft Device	Medical Device including a Thin Metallic Film Component Attached to Polymeric Component	FR: Patent No. 2055343
10/28/2028	Stent-Graft Device	Medical Device including a Thin Metallic Film Component Attached to Polymeric Component	ES: Patent No. 2055343
10/28/2028	Stent-Graft Device	Medical Device including a Thin Metallic Film Component Attached to Polymeric Component	DE: Patent No. 2055343
10/28/2028	Stent-Graft Device	Medical Device including a Thin Metallic Film Component Attached to Polymeric Component	
10/28/2028	Stent-Graft Device	Medical Device including a Thin Metallic Film Component Attached to Polymeric Component	CA: Pending Patent
10/28/2028	Stent-Graft Device	Medical Device including a Thin Metallic Film Component Attached to Polymeric	
10/28/2028	Stent-Graft Device	Stent Segments Axially Connected by Thin Film	
10/24/2028	Graft - Thin Film	Medical Sheet	
10/16/2028	Graft - Thin Film	Medical Sheet	
10/16/2028	Graft - Thin Film	Medical Sheet	EP: Patent No. 2200535
10/16/2028	Graft - Thin Film	CON: Stent Segments Axially Connected by Thin Film	US Patent No. 8,906,085
5/21/2028	Stent-Graft Device	Stent Segments Axially Connected by Thin Film	
5/21/2028	Stent-Graft Device	Thin Film Tissue Repair Matrix	NL: Patent No. EP 2175901
4/7/2028	Material	Thin Film Tissue Repair Matrix	
4/7/2028	Material	Thin Film Tissue Repair Matrix	
4/7/2028	Material	Thin Film Tissue Repair Matrix	
4/7/2028	Material	Thin Film Tissue Repair Matrix	
4/7/2028	Material	Thin Film Tissue Repair Matrix	
4/7/2028	Material	Thin Film Tissue Repair Matrix	- 1
4/7/2028	Material	CON: Implantable Materials Having Having Engineered Surfaces and Method of Making Same	- 1
1/27/2028	Surface Technology	CIP: Implantable Materials Having Engineered Surfaces and Method of Making Same	
1/27/2028	Surface Technology	Implantable Material Patterned Surface of Raised Elements	
1/27/2028	Surface Technology	CIP: Device for In Vivo Delivery of Bioactive Agents	US: Patent No. 9,107,605
11/22/2027	Drug Delivery	DIV: Stent Segments Axially Connected by Thin Film	US: Patent No. 8,142,491
10/24/2027	Stent-Graft Device	Stent-Graft with Proximal and Distal Attachment	US: Patent No. 8,187,318
8/31/2027	Stent-Graft Device	CON: Endoluminal Stent Having Mid-Strut Interconnecting Members	US: Patent No. 7,980,289
5/31/2027	Stent	CON: Implantable Expandable Medical Having Regions of Differential Mechanical Properties	US: Patent No. 8,348,990
5/2/2027	Stent	Thin Film Tissue Repair Matrix	CA: Pending Patent
4/5/2027	Material	Thin Film Tissue Repair Matrix	AU: Patent No. 2008237206
Pending)			
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CN: Pending Patent
EP: Pending Patent
JP: Pending Patent

MX: Pending Patent

AU: Pending Patent CA: Pending Patent

NL: Patent No. 1267749

Patent No. 1267749

US: Pending Patent

FR: Patent No. 1267749 GB: Patent No. 1267749 DE: Patent No. 1267749

ES: Patent No. 1267749

NL: Patent No. 1620047 EP: Patent No. 1267749 CH: Patent No. 1267749 Geography/Patent #/Status

*	Title (CIP: Continuation in part, PCT = Patent cooperation Treaty DIV = Divisional CON = Continuation)	Family
	Metallic Implantable Grafts and Method of Making Same	Stent-Graft Device
	Endoluminal Implantable Devices and Method of Making Same	Stent-Graft Device
	Endoluminal Implantable Devices and Method of Making Same	Stent-Graft Device
	Endoluminal Implantable Devices and Method of Making Same	Stent-Graft Device
	Endoluminal Implantable Devices and Method of Making Same	Stent-Graft Device
	Endoluminal Implantable Devices and Method of Making Same	Stent-Graft Device
	Endoluminal Implantable Devices and Method of Making Same	Stent-Graft Device
	Endoluminal Implantable Devices and Method of Making Same	Stent-Graft Device
	Endoluminal Implantable Devices and Method of Making Same	Process - Device
	CON: Methods of Making Medical Devices	Process - Device
	Implantable Materials Having Engineered Surfaces and Method of Making Same	Surface Technology
	Implantable Materials Having Engineered Surfaces and Method of Making Same	Surface Technology
-	Implantable Materials Having Engineered Surfaces and Method of Making Same	Stent
	Implantable Materials Having Engineered Surfaces and Method of Making Same	Surface Technology
	Implantable Materials Having Engineered Surfaces and Method of Making Same	Surface Technology
	Implantable Materials Having Engineered Surfaces and Method of Making Same	Surface Technology

11/18/2029 11/18/2029

Pending)

Expiration

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11/18/2029

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11/18/2029 6/15/2030 10/28/2030 5/3/2032 5/3/2032

5/9/2032

5/14/2032 5/14/2032 8/16/2032 11/18/2029

11/18/2029 11/18/2029

8/8/2033	Process	Inverted Cylindrical Magnetron (ICM) System and Methods of Use	CA: Pending Patent
8/8/2033	Process	Inverted Cylindrical Magnetron (ICM) System and Methods of Use	AU: Pending Patent
8/8/2033	Process	Stents having a Hybrid Pattern and Methods of Manufacture	US: Pending Patent
11/15/2032	Stent	Method for Making Topographical Features	US: Patent No. 9,050,394
10/18/2032	Surface Technology	CIP: Topographical Features and Patterns on a Surface of a Medical	US: Pending Patent
10/18/2032	Surface Technology	Topographical Features and Patterns on a Surface of a Medical Device	CA: Pending Patent
10/18/2032	Surface Technology	Method for Making Topographical Features on a Surface of a Medical Device	CA: Pending Patent
10/18/2032	Surface Technology	Topographical Features and Patterns on a Surface of a Medical Device	AU: Pending Patent
10/18/2032	Surface Technology	Method for Making Topographical Features on a Surface of a Medical Device	AU: Pending Patent
10/18/2032	Surface Technology	Grooved Drug-Eluting Medical Devices and Method of Making Same	MX: Pending Patent
8/16/2032	Drug Delivery	Grooved Drug-Eluting Medical Devices and Method of Making Same	JP: Pending Patent
8/16/2032	Drug Delivery	Grooved Drug-Eluting Medical Devices and Method of Making Same	EP: Pending Patent
8/16/2032	Drug Delivery	Grooved Drug-Eluting Medical Devices and Method of Making Same	CN: Pending Patent
8/16/2032	Drug Delivery	Grooved Drug-Eluting Medical Devices and Method of Making Same	CA: Pending Patent
8/16/2032	Drug Delivery	Grooved Drug-Eluting Medical Devices and Method of Making Same	AU: Pending Patent
5/18/2021	Surface Technology	CIP: Grooved Drug-Eluting Medical Devices and Method of Making Same	US: Pending Patent
5/14/2032	Surface Technology	CON Implantable Medical Device having Enhanced Endothelial Migration Features and Method	
5/9/2032	Stent	Implantable Medical Device having Enhanced Endothelial Migration Features and Method	
5/9/2032	Surface Technology	Implantable Medical Device having Enhanced Endothelial Migration Features and Method	1
5/9/2032	Stent	Implantable Medical Device having Enhanced Endothelial Migration Features and Method	EP: Pending Patent
5/9/2032	Stent	Implantable Medical Device having Enhanced Endothelial Migration Features and Method	CN: Pending Patent
5/9/2032	Stent	Implantable Medical Device having Enhanced Endothelial Migration Features and Method	CA: Pending Patent
5/9/2032	Stent	Implantable Medical Device having Enhanced Endothelial Migration Features and Method	AU: Pending Patent
5/3/2032	Surface Technology	Endoluminal Implantable Surfaces and Method of Making the Same	MX: Pending Patent
5/3/2032	Surface Technology	Endoluminal Implantable Surfaces and Method of Making the Same	í
5/3/2032	Surface Technology	Endoluminal Implantable Surfaces and Method of Making the Same	EP: Pending Patent
5/3/2032	Surface Technology	Endoluminal Implantable Surfaces and Method of Making the Same	
5/3/2032	Surface Technology	Endoluminal Implantable Surfaces and Method of Making the Same	
5/3/2032	Surface Technology	Endoluminal Implantable Surfaces and Method of Making the Same	All: Pending Patent
5/3/2032	Surface Technology	Method for Mass Transfer of Micro-Patterns onto Medical Devices	
10/27/2031	Process - Device	Method for Mass Transfer of Micro-Patterns onto Medical Devices	
10/27/2031	Process- Device	Method for Mass Transfer of Micro-Patterns onto Medical Devices	N. Dending Patent
10/27/2031	Process - Device	Method for Mass Transfer of Micro-Patterns onto Medical Devices	~~
10/27/2031	Process - Device	Method for Mass Transfer of Micro-Patterns onto Medical Devices	ED: Pending Patent
10/27/2031	Process - Device	Method for Mass Transfer of Micro-Patterns onto Medical Devices	CN: Pending Patent
10/27/2031	Process - Device	Method for Mass Transfer of Micro-Patterns onto Medical Devices	
10/27/2031	Process - Device	Method for Mass Transfer of Micro-Patterns onto Medical Devices	
10/27/2031	Process - Device	Method for Mass Transfer of Micro-Patterns onto Medical Devices	
10/27/2031	Process - Device	Implantable Medical Device having Enhanced Endothelial Migration Features and Method	US: Patent No. 8,632,583
5/9/2031	Surface Technology	CON: Endoluminal Implantable Surfaces, Stents, and Grafts and Method of Making Same	
5/3/2031	Process - Device	Endoluminal Implantable Surfaces, Stents, and Grafts and Method of Making Same	US: Patent No. 8,728,563
5/3/2031	Surface Technology	Method for Mass Transfer of Micro-Patterns onto Medical Device	US: Patent No. 8,329,021
4/5/2031	Process	CON: Method for Mass Transfer of Micro-Patterns onto Medical Devices	
10/28/2030	Process- Device	CON: Method for Mass Transfer of Micro-Patterns onto Medical Devices	US: Patent No. 8,668,818
(EST. for Pending)			
Est for	•		

Geography/Patent #/Status	Title (CIP: Continuation in part, PCT = Patent cooperation Treaty DIV = Divisional CON = Continuation)	Family	Expiration (Est. for
			Pending)
.IP: Pending Patent	Inverted Cylindrical Magnetron (ICM) System and Methods of Use	Process	8/8/2033
US: Pending Patent	Inverted Cylindrical Magnetron (ICM) System and Methods of Use	Surface Technology	10/16/2033
EP: Pending Patent	Method for Making Topographical Features on a Surface of a	Surface Technology	10/16/2033
JP: Pending Patent	Method for Making Topographical Features on a Surface of a	Stent	11/14/2033
AU: Pending Patent	Stents having a Hybrid Pattern and Methods of Manufacture	Stent	11/14/2033
CA: Pending Patent	Stents having a Hybrid Pattern and Methods of Manufacture	Stent	11/14/2033
EP: Pending Patent	Stents having a Hybrid Pattern and Methods of Manufacture	Stent	11/14/2033
JP: Pending Patent	Stents having a Hybrid Pattern and Methods of Manufacture	Surface Technology	2/24/2034
EP: Pending Patent	Topographical Features and Patterns on a Surface of a Medical	Surface Technology	2/24/2034
JP: Pending Patent	Topographical Features and Patterns on a Surface of a Medical	Stent-Graft Device	3/14/2034
EP: Pending Patent	Monolithic Medical Devices, Methods of Making and Using the Same	Stent-Graft Device	3/14/2034
JP: Pending Patent	Monolithic Medical Devices, Methods of Making and Using the Same	Stent-Graft Device	3/14/2034
AU: Pending Patent	Monolithic Medical Devices, Methods of Making and Using the Same	Stent-Graft Device	3/14/2034
CA: Pending Patent	Monolithic Medical Devices, Methods of Making and Using the Same	Stent-Graft Device	3/14/2034
US: Pending Patent	Monolithic Medical Devices, Methods of Making and Using the Same	Laser Cutting System	4/25/2034
US: Pending Patent	Adaptive Guide Bushing for Laser Tube Cutting Systems	Laser Cutting System	4/27/2035
PCT: Patent Pending	Adaptive Guide Bushing for Laser Tube Cutting Systems	Material	4/27/2035
US in process	PROV: Nested Crown Stent	Stent	99/99/2036
US in process	PROV: Monolithic Stent Design Features	Stent	99/99/2036

Geography/Patent #/Status	Title (CIP: Continuation in part, PCT = Patent cooperation Treaty DIV = Divisional CON = Continuation)	Family	Expiration (Ex for Pending
US: Patent No. 6.458.153	Endoluminal Cardiac and Venous Valve Prostheses and Methods of Manufacture and Delivery Thereo:	Valve Stent	12/31/2019
	DIV: Endoluminal Cardiac and Venous Valve Prostheses and Methods of Manufacture and Delivery Thereol	Valve Stent	12/31/2019
US: Patent No. 7,338,520	DIV: Endoluminal Cardiac and Venous Valve Prostheses and Methods of Manufacture and Delivery Thereol	Valve Stent	12/31/2019
EP: Patent No. 1187582	Endoluminal Cardiac and Venous Valve Prostheses and Methods of Manufacture and Delivery Thereoi	Valve Stent	12/18/2020
DE: Patent No. 1187582	Endoluminal Cardiac and Venous Valve Prostheses and Methods of Manufacture and Delivery Thereof	Valve Stent	12/18/2020
FR: Patent No. 1187582	Endoluminal Cardiac and Venous Valve Prostheses and Methods of Manufacture and Delivery Thereol	Valve Stent	12/18/2020
GB: Patent No. 1187582	Endoluminal Cardiac and Venous Valve Prostheses and Methods of Manufacture and Delivery Thereot	Valve Stent	12/18/2020
IE: Patent No. 1187582	Endoluminal Cardiac and Venous Valve Prostheses and Methods of Manufacture and Delivery Thereof	Valve Stent	12/18/2020
IT: Patent No. 1187582	Endoluminal Cardiac and Venous Valve Prostheses and Methods of Manufacture and Delivery Thereof	Valve Stent	12/18/2020
CA: Patent No. 2362439	Endoluminal Cardiac and Venous Valve Prostheses and Methods of Manufacture and Delivery Thereot	Valve Stent	12/18/2020
AU: Patent No. 783906	Endoluminal Cardiac and Venous Valve Prostheses and Methods of Manufacture and Delivery Thereof	Valve Stent	12/18/2020
US: Patent No. 7,018,408	DIV: Endoluminal Cardiac and Venous Valve Prostheses and Methods of Manufacture and Delivery Thereo:	Valve Stent	12/31/2019
US: Patent No. 7,799,069	CON: Endoluminal Cardiac and Venous Valve Prostheses and Methods of Manufacture and Delivery Thereol	Valve Stent	12/31/2019
AU: Patent No. 2006201194	DIV: Endoluminal Cardiac and Venous Valve Prostheses and Methods of Manufacture and Delivery Thereo:	Valve Stent	12/31/2019
US: Patent No. 8,221,493	DIV: Endoluminal Cardiac and Venous Valve Prostheses and Methods of Manufacture and Delivery Thereof	Valve Stent	12/31/2019
AU: Patent No. 2008200570	DIV: Endoluminal Cardiac and Venous Valve Prostheses and Methods of Manufacture and Delivery Thereof	Valve Stent	12/31/2019
US: Patent No. 8.992.597	CON: Endoluminal Cardiac and Venous Valve Prostheses and Methods of Manufacture and Delivery Thereo:	Valve Stent	12/31/2019

CON: Endoluminal Cardiac and Venous Valve Prostheses and Methods of Manufacture and Delivery Thereor

12/31/2019

PSLINVENTION DISCLOSURES

CONFIDENTIAL

3/2/2016

IRB NO.	Title		Inventors
	Na analysis		21.13.13.13.13.13.13.13.13.13.13.13.13.13
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	A Section of the Control of the Cont	A Committee of the Comm	
0000 00 01			A. Garza
2009-09-01			KH-K Young
2010-01-07 2010-03-01			KH-K Young
2010-03-01			A. Garza
2010-03-01			J, Palmaz
2010-08-01			M, Poor
2011-05-01			S. Carpenter & R. Baenzinger
2011-06-03		A Company of the Comp	S. Carpenter & A. Garza
2011-08-01			J. Palmaz
2011-08-02			A. Garza
2011-08-02		1,000	A. Garza
2011-11-01			J. Palmaz
2012-03-01			M. Poor
2012-04-01			D. Xu
2012-06-01			D. Xu
2012-07-01	—		Poor
2012-07-02			Carpenter
2013-03-01			Poor
2013-10-01			(none listed)
2013-10-02			Carpenter, Poor
2013-10-03			(none listed)
2013-10-04			(none listed)
2013-10-05		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(none listed)
2014-06-01	17.72		Poor
2014-07-01			Poor
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PSI TRADEMARKS		
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Medical devices, namely, stents

6/7/2013

12/24/2013

Mark

International Class

Goods/Services

Filed

Allowed

Registered

EXHIBIT B

LIST OF ASSUMED CONTRACTS AND MAXIMUM CURE COSTS

	Agreement	Maximum Cure Costs
1.	Settlement Agreement and Mutual Release dated as of May 19, 2014, among Christopher Boyle, Advanced Bio Prosthetic Surfaces, Ltd., ABPS Management, LLC, ABPS Venture One, Ltd., Palmaz Scientific, Inc., and Julio Palmaz (the "Boyle Agreement")	0
2.	Trademark License Agreement dated as of May 19, 2008, by and between Cordis Corporation and Palmaz Scientific, Inc.	0
3.	Third Amendment of License Agreement and Restatement Thereof dated as of May 19, 2008, by and between Cordis Corporation, Advanced Bio Prosthetic Surfaces, Ltd., and ABPS Venture One, Ltd.	0
4.	Development Agreement dated as of November 2, 2015, by and between Palmaz Scientific, Inc. and [name of counterparty omitted pursuant to confidentiality requirements in Section 16 of the agreement]	0
5.	Subscription Agreement dated as of October 31, 2010 between Palmaz Scientific, Inc. and TriVentures II Fund, L.P.	0
6.	Amended and Restated Agreement of Limited Partnership of TriVentures II Fund, L.P., as amended by Amendment No. 3 to the Agreement of Limited Partnership of TriVentures II Fund, L.P. dated as of February 25, 2016	0

EXHIBIT C-1

CREDIT BID INDEBTEDNESS – SECURED

- 1. Promissory Note from Palmaz Scientific, Inc. to Lennox Capital Partners, LP dated July 24, 2014 in the original principal amount of \$1,000,000.
 - a. Letter Amendment to Promissory Notes among Lennox Capital Partners, LP, SPI Dallas Investments, LP and Palmaz Scientific, Inc. dated July 14, 2015
 - b. Purchase Agreement between Lennox Capital Partners, LP and Oak Court Partners, Ltd. with Allonge for Promissory Note dated August 28, 2015
 - c. Security Agreement by Palmaz Scientific, Inc., Advanced Bio Prosthetic Surfaces, Ltd., and ABPS Venture One, Ltd. dated July 22, 2015 in favor of Lennox Capital Partners, LP
 - d. Intellectual Property Security Agreement by Palmaz Scientific, Inc., Advanced Bio Prosthetic Surfaces, Ltd., and ABPS Venture One, Ltd. dated July 22, 2015 in favor of Lennox Capital Partners, LP
 - e. UCC-1 Financing Statement with Debtor as Palmaz Scientific, Inc. and Secured Party as Lennox Capital Partners, LP filed August 5, 2015 in Delaware as file # 2015 3396222
 - i. UCC-3 Assignment to Secured Party as Oak Court Partners, Ltd. filed September 15, 2015 in Delaware as file # 20155193866
 - f. UCC-1 Financing Statement with Debtors as Advanced Bio Prosthetic Surfaces, Ltd. and ABPS Venture One, Ltd., and Secured Party as Lennox Capital Partners, LP filed August 5, 2015 in Texas as file # 15-0025070696
 - UCC-3 Assignment to Secured Party as Oak Court Partners, Ltd. filed September 15, 2015 in Texas as file # 15-00355833
- 2. Promissory Note from Palmaz Scientific, Inc. to SPI Dallas Investments, LP dated July 24, 2014 in the original principal amount of \$1,500,000
 - Letter Amendment to Promissory Notes among Lennox Capital Partners, LP, SPI Dallas Investments, LP and Palmaz Scientific, Inc. dated July 14, 2015
 - Purchase Agreement between Lennox Dallas Partners, LP (f/k/a SPI Dallas Investments, LP) and Oak Court Partners, Ltd. with Allonge for Promissory Note dated August 28, 2015
 - c. Security Agreement by Palmaz Scientific, Inc., Advanced Bio Prosthetic Surfaces, Ltd., and ABPS Venture One, Ltd. dated July 22, 2015 in favor of SPI Dallas Investments, LP
 - d. Intellectual Property Security Agreement by Palmaz Scientific, Inc., Advanced Bio Prosthetic Surfaces, Ltd., and ABPS Venture One, Ltd. dated July 22, 2015 in favor of SPI Dallas Investments, LP

- e. UCC-1 Financing Statement with Debtor as Palmaz Scientific, Inc. and Secured Party as SPI Dallas Investments, LP filed August 5, 2015 in Delaware as file # 2015 3396107
 - i. UCC-3 Assignment to Secured Party as Oak Court Partners, Ltd. filed September 15, 2015 in Delaware as file # 20154089685
- f. UCC-1 Financing Statement with Debtor as Advanced Bio Prosthetic Surfaces, Ltd. and ABPS Venture One, Ltd., and Secured Party as SPI Dallas Investments, LP filed August 5, 2015 in Texas as file # 15-0025070212
 - UCC-3 Assignment to Secured Party as Oak Court Partners, Ltd. filed September 15, 2015 in Texas as file # 15-00295592
- 3. Draw Note from Palmaz Scientific, Inc. to Julio Palmaz dated June 2, 2015 in the original principal amount of up to \$1,000,000
 - Security Agreement by Palmaz Scientific, Inc., Advanced Bio Prosthetic Surfaces, Ltd., and ABPS Venture One, Ltd. dated September 17, 2015 in favor of Julio Palmaz
 - b. UCC-1 Financing Statement with Debtor as Palmaz Scientific, Inc. and Secured Party as Julio Palmaz filed February 10, 2016 in Delaware as file # 2016 0822369
 - c. UCC-1 Financing Statement with Debtor as Advanced Bio Prosthetic Surfaces, Ltd. and Secured Party as Julio Palmaz filed February 10, 2016 in Texas as file # 16-0004507033
 - d. UCC-1 Financing Statement with Debtor as ABPS Venture One, Ltd. and Secured Party as Julio Palmaz filed February 10, 2016 in Texas as file # 16-0004506880
 - e. United States Patent and Trademark Office Notice of Recordation of Assignment Document dated February 18, 2016 #900354394 (Trademarks)
 - f. United States Patent and Trademark Office Notice of Recordation of Assignment Document dated February 26, 2016 #503692759 (Patents)
- 4. Convertible Draw Note from Palmaz Scientific, Inc. to Oak Court Partners, Ltd dated June 16, 2015 in the original principal amount of up to \$4,500,000
 - a. Security Agreement by Palmaz Scientific, Inc., Advanced Bio Prosthetic Surfaces, Ltd., and ABPS Venture One, Ltd. dated July 22, 2015 in favor of Oak Court Partners, Ltd.
 - b. UCC-1 Financing Statement with Debtor as Palmaz Scientific, Inc. and Secured Party as Oak Court Partners, Ltd. filed February 10, 2016 in Delaware as file # 2016 0822377
 - c. UCC-1 Financing Statement with Debtor as Advanced Bio Prosthetic Surfaces, Ltd. and Secured Party as Oak Court Partners, Ltd. filed February 10, 2016 in Texas as file # 16-0004506648

- d. UCC-1 Financing Statement with Debtor as ABPS Venture One, Ltd. and Secured Party as Oak Court Partners, Ltd. filed February 10, 2016 in Texas as file # 16-0004506769
- e. United States Patent and Trademark Office Notice of Recordation of Assignment Document dated February 18, 2016 #900354406 (Trademarks)
- f. United States Patent and Trademark Office Notice of Recordation of Assignment Document dated February 29, 2016 #503694543 (Patents)
- 5. Convertible Draw Note from Palmaz Scientific, Inc. to Oak Court Partners, Ltd dated September 17, 2015 in the original principal amount of up to \$3,000,000
 - a. Security Agreement by Palmaz Scientific, Inc., Advanced Bio Prosthetic Surfaces, Ltd., and ABPS Venture One, Ltd. dated September 17, 2015 in favor of Oak Court Partners, Ltd.
 - b. UCC-1 Financing Statement with Debtor as Palmaz Scientific, Inc. and Secured Party as Oak Court Partners, Ltd. filed February 11, 2016 in Delaware as file # 2016 0838092
 - c. UCC-1 Financing Statement with Debtor as Advanced Bio Prosthetic Surfaces, Ltd. and Secured Party as Oak Court Partners, Ltd. filed February 11, 2016 in Texas as file # 16-0004555753
 - d. UCC-1 Financing Statement with Debtor as ABPS Venture One, Ltd. and Secured Party as Oak Court Partners, Ltd. filed February 11, 2016 in Texas as file # 16-0004555632
 - e. United States Patent and Trademark Office Notice of Recordation of Assignment Document dated February 18, 2016 #900354397 (Trademarks)
 - f. United States Patent and Trademark Office Notice of Recordation of Assignment Document dated February 26, 2016 #503694177 (Patents)
- 6. Draw Note from Palmaz Scientific, Inc. to Oak Court Partners, Ltd dated December 30, 2015 in the original principal amount of up to \$1,500,000
 - a. Security Agreement by Palmaz Scientific, Inc., Advanced Bio Prosthetic Surfaces, Ltd., and ABPS Venture One, Ltd. dated December 30, 2015 in favor of Oak Court Partners, Ltd.
 - b. UCC-1 Financing Statement with Debtor as Palmaz Scientific, Inc. and Secured Party as Oak Court Partners, Ltd. filed February 16, 2016 in Delaware as file # 2016 0917110
 - c. UCC-1 Financing Statement with Debtor as Advanced Bio Prosthetic Surfaces, Ltd. and Secured Party as Oak Court Partners, Ltd. filed February 16, 2016 in Texas as file # 16-0004971290

- d. UCC-1 Financing Statement with Debtor as ABPS Venture One, Ltd. and Secured Party as Oak Court Partners, Ltd. filed February 16, 2016 in Texas as file # 16-0004971179
- e. United States Patent and Trademark Office Notice of Recordation of Assignment Document dated February 19, 2016 #900354468
- f. United States Patent and Trademark Office Notice of Recordation of Assignment Document dated February 29, 2016 #503695390 (Patents)

EXHIBIT C-2

CREDIT BID INDEBTEDNESS - UNSECURED

Buyer intends to acquire or assume the following unsecured claims against Seller from various third parties and will include the following claims as part of its credit bid:

Amounts originally owed by Seller to:	Amount:
The State of Texas	\$ 4,375,430.14
Phil Romano	\$ 380,734.03
Steve Solomon*	\$ 1,619,298.41
Oak Court Partners, Ltd.	\$ 1,061,188.02
Julio Palmaz	\$ 298,980.23
Asel & Associates	\$ 350,000.00
Elder Bray & Bankler, PC	\$ 213,546.02
Rosenbaum IP, P.C.	\$ 594,318.34
Total	\$ 8,893,495.19

^{*} Steve Solomon's claim has been acquired by Oak Court Partners, Ltd. Steve Solomon will not be a shareholder of Buyer.

EXHIBIT D

FORMS OF BILL OF SALE, ASSIGNMENT AND ASSUMPTION AGREEMENT

[See attached.]

EXHIBIT D-1

FORM OF VACTRONIX BILL OF SALE, ASSIGNMENT AND ASSUMPTION AGREEMENT

This Bill of Sale, Assignment and Assumption Agreement (this "Assignment") is entered into as of ________, 2016 by and among Palmaz Scientific Inc., a Delaware corporation ("PSI"), Advanced Bio Prosthetic Surfaces, Ltd., a Texas limited partnership ("ABPS"), and ABPS Venture One, Ltd., a Texas limited partnership ("ABPS Venture" and, together with PSI and ABPS, "Assignor"), and VACTRONIX Scientific, Inc., a Delaware corporation ("Assignee"). Capitalized terms used and not otherwise defined herein shall have the meanings given to them in the Purchase and Sale Agreement dated as of the date hereof by and among Assignor and Assignee (the "Purchase and Sale Agreement").

RECITALS

WHEREAS, Assignor and Assignee entered into the Purchase and Sale Agreement, which provides, among other things, for Assignor to sell and assign to Assignee all of its right, title and interest in and to the Subject Assets, including, without limitation, the Assumed Contracts set forth on Exhibit A attached hereto (collectively, the "Subject Contracts"), and Assignee has agreed to assume all liabilities and obligations of Assignor arising after the Closing Date under the Subject Contracts (the "Assumed Liabilities"); and

WHEREAS, Assignee has assigned certain of its rights and delegated certain of its obligations under the Purchase and Sale Agreement to HC Litigation Fund, LLC;

NOW, THEREFORE, pursuant to the Purchase and Sale Agreement and in consideration of the mutual covenants and agreements made herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

AGREEMENT

- 1. <u>Assignment of Subject Assets</u>. Assignor hereby contributes, sells, assigns, grants, conveys and transfers to Assignee all of such Assignor's right, title and interest in and to the Subject Assets, including the Subject Contracts, Free and Clear (excluding Permitted Encumbrances), but specifically excluding the Harriman litigation matter described in Part IV of Exhibit A of the Purchase and Sale Agreement and Assignee hereby accepts such assignment of the Subject Assets.
- 2. <u>Assumption of Assumed Liabilities</u>. Assignee hereby assumes the Assumed Liabilities and agrees to pay, perform and discharge, as and when due, the Assumed Liabilities.
- 3. <u>Terms of the Purchase and Sale Agreement</u>. The terms of the Purchase and Sale Agreement are incorporated herein by this reference. Assignor acknowledges and agrees that the representations, warranties, covenants, agreements and indemnities of Assignor

and its Affiliates contained in the Purchase and Sale Agreement shall not be superseded hereby but shall remain in full force and effect to the full extent provided therein. In the event of any conflict or inconsistency between the terms of the Purchase and Sale Agreement and the terms hereof, the terms of the Purchase and Sale Agreement shall govern.

- 4. <u>Severability</u>. If any provision of this Assignment or the application of any such provision to any person or circumstance shall be held invalid, illegal or unenforceable in any respect by a court of competent jurisdiction, such invalidity, illegality or unenforceability shall not affect any other provision hereof.
- 5. <u>Binding Effect</u>. This Assignment shall be binding upon, and, inure to the benefit of, Assignor and Assignee and their respective successors and assigns.
- 6. GOVERNING LAW. THIS AGREEMENT SHALL BE GOVERNED BY AND CONSTRUED AND ENFORCED IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS, WITHOUT REGARD TO THE PRINCIPLES OF CONFLICTS OF LAWS THEREOF.
- 7. <u>Counterparts</u>. This Assignment may be executed in multiple counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement. A signed copy of this Assignment delivered by facsimile, email or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Assignment.

[Signature pages follow.]

IN WITNESS WHEREOF, the undersigned have executed this Assignment as of the date first written above.

PALMAZ SCIENTIFIC INC. By: Name: Title: ADVANCED BIO PROSTHETIC SURFACES, LTD By: its general partner By: Name: Title: ABPS VENTURE ONE, LTD. By: its general partner By: Surfaces Surfac	ASSIG	NOR:
Name:	PALM	AZ SCIENTIFIC INC.
By:	Name:	
By:		
Name:	By:	its general partner,
By:		Name:
its general partner	ABPS	VENTURE ONE, LTD.
By:	By:	its general partner,
· · · · · · · · · · · · · · · · · · ·		By:
Name:Title:		Name:

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			ASSIGNEE:	
			VACTRONIV SCIENTIE	IC INC

VACII	KONIX	SCIENT	IFIC IN	NC.	
Ву:					
Name:					
Title:	-				

EXHIBIT D-2 HC LITIGATION FORM BILL OF SALE and ASSIGNMENT

This Bill of Sale and Assignment (this "Assignment") is entered into as of _______, 2016 by and among Palmaz Scientific Inc., a Delaware corporation ("PSI"), Advanced Bio Prosthetic Surfaces, Ltd., a Texas limited partnership ("ABPS"), and ABPS Venture One, Ltd., a Texas limited partnership ("ABPS Venture") (ABPS Venture, ABPS, and PSI are collectively referred to as the "Assignor"), and HC Litigation Fund, LLC, a Texas limited liability company ("Assignee") (together, Assignor and Assignee are the "Parties").

RECITALS

WHEREAS, Assignor commenced cases under the protection of Chapter 11 of Title 11 of the United States Code by filing voluntary petitions for relief ("Assignor's Chapter 11 Cases") with the United States Bankruptcy Court for the Western District of Texas, San Antonio Division (the "Bankruptcy Court"), on March 4, 2016, and Assignor's Chapter 11 Cases are being jointly administered under Case No. 16-50552-cag; and

WHEREAS, pursuant to Assignor's Plan of Reorganization as approved by the Bankruptcy Court (the "Plan"), Assignor desires to assign to Assignee all of Assignor's rights, title, and interest in and to that certain Litigation defined in the Plan as the "Harriman Case," meaning Harriman v. Palmaz Scientific, Cause No. DC-15-12314, pending in the 134th Judicial District in Dallas County" (hereinafter the "Subject Litigation").

WHEREAS, Assignee desires to accept the assignment of the Subject Litigation pursuant to the terms of the Plan;

NOW, THEREFORE, in consideration of the mutual covenants and agreements made herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereto agree as follows:

AGREEMENT

- 1. Assignment of Subject Litigation. Assignor hereby contributes, sells, assigns, grants, conveys and transfers to Assignee all of such Assignor's right, title and interest in and to the Subject Litigation, including all rights, claims, causes of action, counterclaims, third-party-claims, defenses, and remedies (for damages, injunctive relief, attorney's fees or otherwise), free and clear of all liens, security interests and encumbrances, so that neither Assignor, their successors or assigns or any third parties shall at any time hereafter have, claim or demand any right or title thereto. Assignee hereby accepts such assignment of the Subject Litigation.
- 2. <u>Severability</u>. If any provision of this Assignment or the application of any such provision to any person, entity or circumstance shall be held invalid, illegal or unenforceable in any respect by a court of competent jurisdiction, such invalidity, illegality or unenforceability shall not affect any other provision hereof.

- 3. <u>Binding Effect</u>. This Assignment shall be binding upon, and, inure to the benefit of, Assignor and Assignee and their respective successors and assigns.
- 4. GOVERNING LAW. THIS ASSIGNMENT SHALL BE GOVERNED BY AND CONSTRUED AND ENFORCED IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS, WITHOUT REGARD TO THE PRINCIPLES OF CONFLICTS OF LAWS THEREOF.
- 5. <u>Counterparts</u>. This Assignment may be executed in multiple counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement. A signed copy of this Assignment delivered by facsimile, e-mail or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Assignment.

[Signature pages follow.]

IN WITNESS WHEREOF, the undersigned have executed this Assignment as of the date first written above.

ASSIC	GNOR:
PALM	1AZ SCIENTIFIC INC.
By: Name Title:	:
	ANCED BIO PROSTHETIC ACES, LTD.
By:	its general partner,
	By:Name:Title:
ABPS	VENTURE ONE, LTD.
Ву:	its general partner,
	By: Name: Title:
By:	its general partner By:

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ASSIGNEE:
HC LITIGATION FUND, LLC
By: Name: Title:

EXHIBIT E

BID PROCEDURES ORDER

[See attached.]

IT IS HEREBY ADJUDGED and DECREED that the below described is SO ORDERED.

Dated: June 03, 2016.

Craig a Sargotta

CRAIG A. GARGOTTA
UNITED STATES BANKRUPTCY JUDGE

IN THE UNITED STATES BANKRUPTCY COURT FOR THE WESTERN DISTRICT OF TEXAS SAN ANTONIO DIVISION

In re:	§	
	§	CASE NO. 16-50552
PALMAZ SCIENTIFIC INC.,	§	Chapter 11
Debtor.		•
	§ § §	
In re:	§	
	§	CASE NO. 16-50555
ADVANCED BIO PROSTHETIC	§	Chapter 11
SURFACES, LTD.,	§	•
Debtor.		
	§	
In re:	§	
	§	CASE NO. 16-50556
ABPS MANAGEMENT, LLC,	§	
Debtor.	§	Chapter 11
	§	
In re:	§	
	§	CASE NO. 16-50554
ABPS VENTURE ONE, LTD.,	§	Chapter 11
Debtor.	§	(Jointly Administered Under 16-50552)

ORDER APPROVING SALE PROCEDURES AND SETTING SALE HEARING RELATING TO DEBTORS' MOTION (A) FOR AUTHORITY TO SELL ASSETS FREE AND CLEAR OF LIENS, CLAIMS, AND ENCUMBRANCES; (B) TO ESTABLISH PROCEDURES WITH RESPECT TO SUCH SALE (C) TO CONSIDER APPROVAL OF BREAKUP FEE, AND (E) TO SHORTEN AND LIMIT NOTICE

On May 25th, 2016 came on to be heard the Debtors' Motion (A) For Authority to Sell Assets Free and Clear of Liens, Claims, and Encumbrances; (B) To Establish Procedures With Respect to Such Sale and the Assumption, (C) To Consider Approval of Breakup Fee, and (D) To Shorten and Limit Notice (the "Motion to Sell").

The Motion to Sell seeks, inter alia, entry of an order approving and authorizing the sale of substantially all of the Debtors' assets on an "AS IS, WHERE IS" basis. The Debtors propose to sell those assets described more fully in the Motion to Sell to Vactronix Scientific, Inc. or its assigns ("Vactronix"), the initial bidder for the Debtor's assets, at a purchase price of \$22,600,000.00, or to such other proposed purchaser as may submit the highest and best offer for the assets at an auction sale to be held prior to the hearing on the Motion to Sell.

IT IS HEREBY ORDERED, AND NOTICE IS GIVEN that the auction sale will be conducted at 10:00 a.m. Central Daylight Time on June 10th, 2016 at the United States Bankruptcy Court for the Western District of Texas, Courtroom No. 3, 5th Floor, 615 E. Houston St., San Antonio, TX 78205. It is further

ORDERED that, competing bids for the assets (substantially in the form described below) must be submitted by 4:00 p.m. Central Daylight Time on June 8th, 2016. It is further

ORDERED that, on or before 4:00 p.m. CDT on June 8th, 2016, any persons interested in submitting a competing bid shall deliver such third party's proposed bid, a \$250,000.00 deposit and a copy of the "cash offer" asset purchase agreement attached as Exhibit A hereto, marked to show changes,(a "Cash Offer Agreement"), to Steve Gerbsman at Gerbsman Partners, 211 Laurel Grove Avenue, Kentfield, CA 94904, together with proof of the competing bidder's financial ability to close the transaction (e.g., a lender's commitment letter or a balance sheet evidencing that the bidder has available cash to close the transaction on or before June 30th, 2016). In

addition, a copy of any executed Cash Offer Agreement, should be delivered to counsel to the Debtors, bkingman@kingmanlaw.com (William B. Kingman, Law Offices of William B. Kingman, P.C., 4040 Broadway, Suite 450, San Antonio, TX 78209) and counsel to the Creditors' Committee, michellelarson@andrewskurth.com (Michelle Larson, Andrews Kurth LLP, 1717 Main Street, Suite 3700, Dallas, Texas 75201). It is further

ORDERED that Vactronix must provide the Debtors and the Creditors' Committee with proof of Vactronix's financial ability to close the cash portion of its bid on or before 4:00 p.m. CDT on June 6th, 2016. It is further

ORDERED that, in order to be qualified, any competitive bid must also:

- (1) provide for a closing date on the sale which is no later than June 30^{th} , 2016;
- (2) contain substantially the same (or more favorable) terms and conditions as those contained in the Cash Offer Agreement regarding the assets;
 - (3) not contain any due diligence conditions or financing contingency;
- (4) unless Vactronix withdraws its \$22,600,000.00 offer on or before 5:00 p.m. CDT on June 3rd, 2016, proffer a competing bid of at least \$23,100,000.00; and
- (5) by its terms, remain open for acceptance through the later of: (a) June 10th, 2016 or (b) the closing of any transaction with a winning bidder;

ORDERED that if Debtor's counsel and/or Gerbsman Partners determines that any competing bidder is not qualified to bid at the Auction, such non-qualified bidder may request the Court to determine if such competing bidder is qualified to bid at the Auction. However, nothing herein shall give such non-qualified bidder standing to object to the sale itself. It is further

ORDERED that competing bidders who qualify to participate in the auction sale will be notified of such qualification on or before the close of business on June 9th, 2016. Bidding for

the assets at the auction sale will be conducted in minimum incremental bids of \$50,000.00. It is further

ORDERED that piecemeal competing bids will be considered. If Vactronix withdraws its \$22,600,00.00 offer, the deposit requirement for a competing bid shall be the lesser of \$250,000 or 10% of the amount of the competing bid. It is further

ORDERED that, despite any provisions in the Motion to Sell to the contrary, the Court shall conduct the Auction in open court and shall make the final decision as to what is the highest and best offer or combination of offers, which in the aggregate makes the highest or otherwise best offer to purchase the Debtors' assets. It is further

ORDERED that the Court has scheduled a hearing on the Motion to Sell to be held in Courtroom No. 3, 5th Floor, U.S. Bankruptcy Court, 615 E. Houston St., San Antonio, Texas 78205 on June 10th, 2016 immediately following the completion of the above-described auction. Any creditor or party in interest desiring to object to the relief sought by the Debtors in the Motion to Sell must file an objection to the Motion to Sell on or before June 8th, 2016 and appear at the aforesaid hearing and argue such objection. It is further

ORDERED that, on or before June 8th, 2016, objections to the Motion to Sell, if any, shall be filed with the Clerk and served on all parties identified in the order limiting notice in these cases (Docket No. 39) It is further

ORDERED that the Breakup Fee described in the Motion to Sell is not approved. It is further

ORDERED that the asset purchase agreements attached to the Motion to Sell are not approved as a result of the entry of this order. If a sale is ultimately approved, an asset purchase agreement (as may be modified by the Court) shall be set for hearing on June 10th, 2016

following the auction. It is further

ORDERED that notwithstanding anything to the contrary herein, the terms of the

Vactronix bid and asset purchase agreement submitted by same shall conform, in all material

respects, to the term sheet approved by the Court by Order dated May 26, 2016 (Dkt. No. 248).

It is further

ORDERED that the Debtors' counsel shall consult with Creditors' Committee and its

counsel regarding offers and bidders' qualifications and any proposed modifications to the Cash

Offer Agreement or the Vactronix asset purchase agreement. It is further

ORDERED that Debtors' counsel or Gerbsman Partners are authorized to send to

prospective purchasers a copy of this Order or a summary of the bid procedures and notice of

auction set forth in this Order.

###

Submitted by:

William B. Kingman, SBN 11476200

LAW OFFICES OF WILLIAM B. KINGMAN, P.C.

4040 Broadway, Suite 450

San Antonio, Texas 78205

Telephone: (210) 829-1199

Facsimile: (210) 821-1114

bkingman@kingmanlaw.com

COUNSEL FOR DEBTORS

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WITHOUT EXHIBIT "A" ATTACHED

EXHIBIT "A"